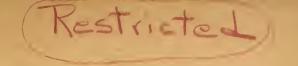
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## THE FLORA OF THE NORTH APPALACHIAN EXPERIMENTAL WATERSHED AND SURROUNDING TERRITORY

a mpiled by Harold . Moldence

Soil Conservation Service, D. J. D. A., Coshortor, Ohio.

January 21, 1943.



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AGSU BLI THE FLORA OF THE NORTH APPALACHIAN EXPERIMENTAL WATERSHED AND SURROUNDING TELRITORI

Compiled by Harold N. Moldenke, Associate Curator, New York Botanical Garden

The present edition of this list contains 1470 different species, varieties, and named forms. These are arranged first in their proper botanical families, with the families listed in taxonomic sequence — the sequence followed being that of the compiler's "A Classification of the Plant Kingdom to Families", which, in turn, is based, with modifications, on the latest available studies of the various groups, the systems of Engler & Gilg, Engler & Diels, and Hutchinson being followed in major part. The number preceding each family name is the number of that family in the abovementioned classification and in the herbarium of the North Appalachian Experimental Watershed, which is also arranged in accordance with this system. Following this taxonomic list is another list in which the species, varieties, and forms, are arranged a lphabetically.

The accepted scientific name, with authorities, is given for each kind of plant, except in a few cases where it has not yet been possible to identify the plant further than to its genus. The recommended common name is also gived for most of the plants, with the exception of some of the cryptogams for which no common names were

available to the compiler when this edition went to press.

It is urged that for consistency and uniformity all botanical reports made by or at the North Appalachian Experimental Watershed adopt the nomenclature of this list, since it has been very carefully worked out and checked with a score or more of the most modern authorities. Among the manuals and reference works consulted have been Britton & Brown's "Illustrated Flora of the Northern States and Canada", Illick's "Pennsylvania Trees", Deam's "Flora of Indiana", Small's "Yanual of the Southeastern Flora", Rehder's "Manual of Cultivated Trees and Shrubs", Bailey's "Manual of Cultivated Plants", Small's "Ferns of the Vicinity of New York", Fernald & Robinson's "Gray's New Yanual of Botany", Thomas' "Field Book of Common Mushrooms", Grout's "Mosses with a Hand Lens", Rydberg's "Flora of the Prairies and Plains of Central North America", Nearing's "The Lichen Book", Güssow & Odell's "Mushrooms and Toadstools", Briquet's edition of the "International Rules of Botanical Nomenclature", the American Joint Committee on Horticultural Nomenclature's "Standardized Plant Names", the monumental "North American Flora" published by the New York Botanical Garden, and scores of botanical journals and periodicals.

It is a pleasure to acknowledge the generous and valuable assistance rendered the compiler by renowned authorities in various groups, to whom material of their groups has been sent for determination: Mr. Edward J. Alexander (Aster), Dr. Liberty H. Bailey (Artemisia), Dr. Carleton R. Ball (Salix), Dr. Lyman Benson (Ranunculus), Mrs. Agnes Chase (Poaceae), Dr. Lincoln Constance (Ammiaceae & Hydrophyllaceae), Dr. Earl L. Core (Cyperaceae), Dr. B. O. Dodge (fungi), Dr. Carroll W. Dodge (lichens), Dr. Francis Drouet (algae), Dr. Carl Epling (<u>Lamiaceae</u>), Dr. Margaret Fulford (hepatics), Dr. Charles Gilly (Cyperaceae), Dr. A. J. Grout (Brachythecium), Nr. Robert Hagelstein (slime-molds), Dr. Frank D. Kern (fungi), Nr. Lawrence J. King (algae), Dr. Mildred Nathias (Ammiaceae), Dr. William A. Murrill (fungi), Mr. Guy G. Nearing (lichens), Dr. Edward Palmer (Crataegus), Dr. Francis W. Pennell (Scrophulariaceae), Dr. Alfred Rehder (certain woody plants), Dr. Reed C. Rollins (Brassicaceae), Dr. Charles Schweinfurth (Orchidaceae), Dr. Fred J. Seaver (fungi), Dr. William C. Steere (bryophytes), Dr. Richard T. Wareham (bryophytes), Dr. Edgar T. Wherry (Polemoniacese). and Dr. T. G. Yuncker (Cuscutaceae). I am also deeply grateful to Mr. Lawrence J. King for his enthusiastic cooperation in the collection of the algae, mosses, liverworts, lichens, and certain other cryptogams of the region. All of the algal records of this list are due to his collecting. The list would also be very much more incomplete were it not for the considerable help rendered by Mr. Morris Berd, Mr. Noah Bielski, Dr. Richard Burling, Mr. Carl Fischer, Mr. Theodore Flanagan, Mr. Wilfred Goodman, Mr. W. R. Greiner, Mr. David Haskins, Mr. Truman Kirkpatrick, Mr. Milton Lamm, Mr. Marvin Smart, Mr. Sherman Taylor, and others of the Civilian Public Service Camp residents who have scoured the countryside for new material. Considerable assistance has been rendered by my wife, Mrs. Alma Lance Moldenke, and by Mr. G. L. Wittrock, who have contributed many hours of their valuable time in looking up information in botanical reference works not available here. I am also grateful to the Dir-



ector of the New York Botanical Garden for his generous cooperation in making available the facilities of that institution, and to Fr. M. D. Ellison and Mr. F. A. Post, Supervisor and former Junior Agronomist, respectively, of the North Appalachian Experimental Watershed, for making this study possible. Many of the records are due to the kindness of Mr. Scott Garbry of Coshocton, who has driven the compiler several hundred miles over the county in his car in search of plants.

Almost all the records of this list are based on material growing on or very close to the land owned or leased by the North Appalachian Experimental Latershed, near Fresno, Chili, and Canal Lewisville, in Coshocton County, Ohio. Some few records are based on material found elsewhere in Ohio, but likely to occur also on the grounds of the Watershed. Cultivated species, escapes, naturalizations, and waifs are included, as well as native material.

Vouchers made by the compiler for the great majority of the records of this list are deposited in the herbarium of the North Appalachian Experimental Watershed, with duplicates in the herbarium of the Bureau of Plant Industry, Washington, and in many of the leading botanical institutions of the world, where they are or will be available for study and checking by qualified experts. It is urged that all emendations and corrections of determination be reported in writing to the compiler or to Mr. W. D. Ellison, Supervisor, North Appalachian Experimental Watershed, Soil Conservation Service, Coshocton, Ohio. The collections which form the basis of these records are cited after each item in the following list. The earliest collections in the herbarium are those of R. S. Hausor, D. W. Jenkins, J. H. Ladison, F. A. Post, D. S. Rader, and S. Sheetz. Since these collectors did not number their collections serially for citation purposes, the numbers here used for their specimens are the herbarium numbers assigned to the sheets of their collections in the herbarium of the North Appalachian Experimental Watershed. There are no duplicate specimens of their collections deposited elsewhere, as far as is known. The algal collections of L. J. King are represented by duplicates in the herbarium of the Field "useum of Matural History, Chicago, and at Earlham College, Richmond, Indiana. Collection numbers in the following list not preceded by a collector's surname are those of the present compiler. Such species as are not followed by vollection numbers are not as yet represented in the herbarium.

A formal annotated list of all the material represented in the present list will be published subsequently in a botanical journal in order to be available to all botanists. Duplicates of most of the fungus collections are deposited in the herbarium of the University of Florida and in the Farlow Herbarium of Cryptogamic Botany at Harvard University; of the rusts, molds, and mildews at the Pennsylvania State College; of the lichens in the herbarium of Ur. G. G. Nearing at Ridgewood, New Jersey; of the sedges at West Virginia University; of the mints at the University of California, Los Angeles; of the Scrophulariaceae at the Academy of Natural Sciences, Philadelphia; of the crucifers at Leland Stanford University; and of the bryophytes at the University of Michigan and Ohio State University.

## 9. CHROOCOCCACEAE

Anacystis marginata Menegh. -- King 698

Anacystis rupestris (Lyngb.) Drouet & Daily -- King 718

Coelosphaerium sp. -- King 643, in part

Gloeocapsa nigrescens Näg. -- King 642

10. CHAMAESIPHONACEAE

Chamaesiphon incrustans Grun. — King 410, in part 11. OSCILLATORIACEAE

Lyngbya aestuarii Gom. — King 686, in part, King 688

Microcoleus lacustris Gom. -- Ying 661

Microcoleus paludosus Gom. - King 613, in part

Vicrocoleus vaginatus Gom. — King 600, King 601, in part, King 607, King 608, King 612, King 613, in part, King 651, in part, King 654, King 676, in part, King 678, King 680, King 686, in part, King 694, King 701, King 714, in part, King 721, King 727, in part, King 728, King 729, in part

Oscillatoria brevis Gom. -- King 623 Oscillatoria limosa Gom. -- King 702 Oscillatoria princeps Gom. -- King 767



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Oscillatoria tenuis Gom. — King 633, in part
Phormidium autumnale Gom. - King 406
Phormidium inundatum Gom. — King 623
Phormidium uncinatum Gom. — King 610, King 620, King 625
Plectonema nostocorum Gom. — King 641, in part, King 729, in part
Schizothrix calcicola Gom. - King 645, in part
Schizothrix friesii Gom. - King 652, King 679, King 681, in part, King 719
Schizothrix lardacea Gom. — King 631
Schizothrix purpurascens Gom. - King 681, in part
Spirulina major Gom. — King 633, in part
Symploca muscorum Gom. -- King 601, in part, King 717
      12. SCYTONEMATACEAE
Scytonema hofmannii B. & F. -- King 699, King 711
Scytonema ocellatum B. & F. - King 692
          13. STIGONE ATACEAE
Fischerella ambigua (B. & F.) Gom. — King 635, in part, King 636, King 637, King
     675, King 677, King 683, King 693, King 722, King 725, King 727, in part
          14. NOSTOCACEAE
Anabaena oscillarioides B. & F. - King 659, King 676, in part
Cylindrospermum catenatum B. & F. — King 672
Cylindrospermum licheniforme B. & F. — King 614, King 666, King 684, King 726, in
Cylindrospermum majus B. & F. -- Ying 724
Cylindrospermum muscicola B. & F. - King 606, King 656, King 691, King 716
Nostoc commune B. & F. - King 723
Nostoc muscorum B. & F. - King 404, King 602, King 603, King 604, King 635, in part,
     King 638, King 641, in part, King 714, in part, King 726, in part, King 729, in
     part
          15. RIVULARIACEAE
Amphithrix sp. — King 712, in part
Calothrix parietina B. & F. -- King 689, King 712, in part
          27. STEMONITACEAE
Stemonitis fusca Roth - fuscous slime-mold - 12873
          31. PHYSARACEAE
Fuligo septica (L.) Weber — yellow fuligo — 13322
Physarum pusillum (Berk. & Curt.) Lister -- common physarum -- 14016
          34. ARCYRIACEAE
<u>Perichaena chrysosperma</u> (Currey) Lister — 14384
Perichaena depressa Lib. — 14310, 14384a
          53. EUGLENACEAE
Euglena viridis Ehr. — King 643, in part, King 770
Trachelomonas sp. -- King 643, in part
          91. FRAGILARIACEAE
Diatoma sp. — King 706, in part
          94. NAVICULACEAE
Gomphonema sp. — King 706, in part
Gyrosigma sp. — King 773
Navicula sp. - King 706, in part
          103. PALMELLACEAE
Gloeocystis ampla Kutz. - King 629
Gloeocystis sp. — King 645, in part
          105. CHLOROCOCCACEAE
Characium ambiguum Herm. — King 705
Protococcus viridis Ag. -- King 617, King 653, King 720
          112. COELASTRACEAE
Scenedesmus quadricaudata (Turp.) Breb. — King 643, in part
          113. PROTOSIPHONACEAE
Protosiphon botryoides (Kutz.) Klebs - King 605, King 626, King 630
          114. ULOTRICHACEAE
Stichococcus subtilis (Kutz.) Klerck. — King 611, King 647, in part, King 670, King
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117. CHAETOPHORACEAE



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Drapernaldia plumosa (Vauch.) Ag. -- King 621
Stigeoclonium aestivale (Hazen) Collins -- King 842
          118. TRENTEPOHLIACEAE
Trentepohlia sp. - 14331
          124. OEDOGONIACEAE
Oedogonium sp. - King 618
          126. CLADOPHORACEAE
Cladophora sp. — King 409
<u>Kn.zoclonium hieroglyphicum</u> (Ag.) KMtz. — King 664, King 715, in part
          134. VAUCHURIACEAE
<u>Vaucheria</u> sp. -- water-felt -- King 840
          142. TRIBONETIACEAE
Tribonema bombycina (Ag.) Derb. & Sol. — King 715, in part
          144. BOTRYDIACEAE
Botrydium granulatum (L.) Grev. - King 644, King 647, in part, King 650, King 673
          146. DESMIDIACEAE
Clesterium sp. - King 615, King 619, King 707, in part
Cosmarium cucumis Ralfs — King 676, in part
Cosmarium intermedium Delp. — King 707, in part
Penium margaritaceum (Ehrenb.) Bréb. — King 841
          147. ZYGNEMATACEAE
Mougeotia sp. — King 707, in part, King 708
Spirogyra sp. — King 622, King 657
Zygnema sp. - King 651, in part, King 686, in part
          181. HELLT'THOCLADACEAE
Chantransia sp. — King 410, in part
          211. MUCORACEAE
Rhizopus nigricans Ehrenb. — bread mold — 14257
          226. ERYSIPHACEAE
Erysiphe cichoriacearum P. DC. — chicory mildew -- 13434, 13981
Erysiphe polygoni P. DC. — knotweed mildew — 13433
          231. ASPERGILLACEAE
Aspersillus candidus Link -- white mold -- 14258
Aspergillus sp. -- 14189
Penicillium sp. -- 14189a
          247. PEZIZACEAE
Paxinia hispida (Schaeff.) Seaver -- hispid paxinia -- 13068
Plectania coccinea (Scop.) Fuckel - scarlet plectania - 12464
Plectania occidentalis (Schw.) Seaver — western plectania — 12600, 12867, 12874,
     13029, 13047
Sarcoscypha floccosa (Schw.) Cke. — fringe-cup fungus — 12863, 13043
Urnula craterium (Schw.) Fries — common urnula — 12465
          247a. BULGARIACEAE
Bulgaria rufa Svhw. — rufous bulgaria — 12858, 13044
          249. HELOTIACEAE
Sclerotinia trifoliorum Erikss. — red clover wilt -- Sheetz 67
          250. MOLLISIACEAE
Pseudopeziza medicaginis (Lib.) Sacc. — alfalfa leaf-spot -- 14086, Sheetz 65
          258. HELVELLACEAE
Elvela elastica Rull. — elastic helvella — 12654
Elvela underwoodii Seaver — Underwood helvella — 12452
         261. HYPOCREACEAE
Mypomyces aurantius (Pers.) Tul. — orange hypomycete — 13032
Hypomyces chrysospermus (Bull.) Tul. -- yellow hypomycete -- 12871
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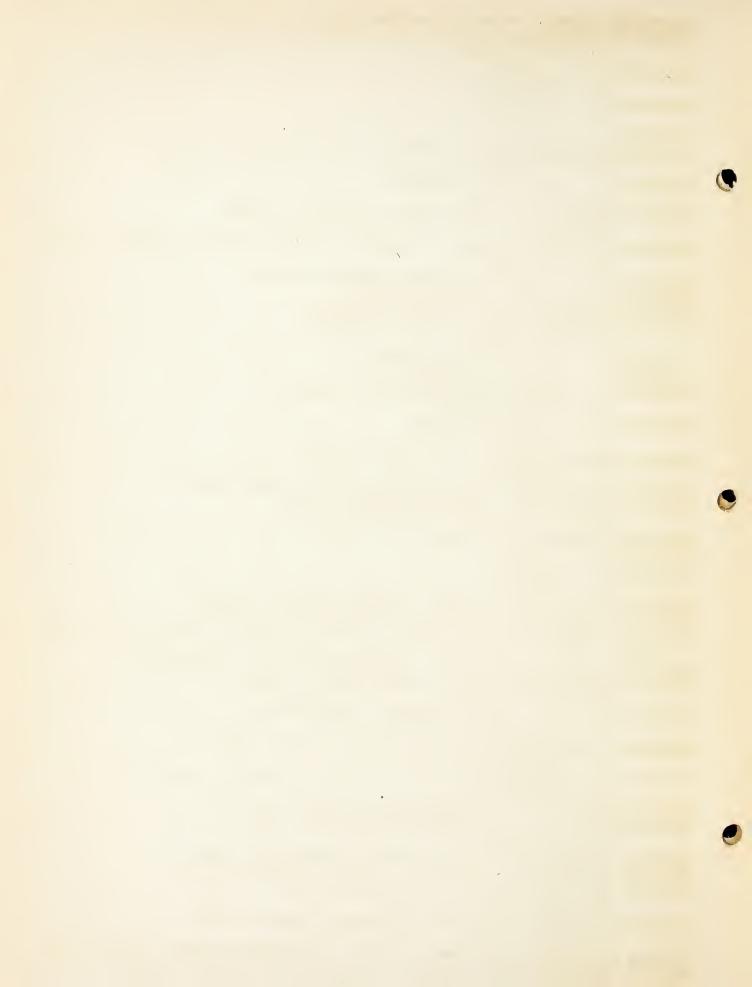
Daldinia concentrica (Bolt.) Ces. & De Not. —concentric daldinia — 12470, 13316 Endothia parasitica (Murr.) Anderson — chestnut-blight fungus — 13617 280. XYLARIACEAE

Hypomyces hyalinus (Schw.) Tul. - hyaline hypomycete - 14267

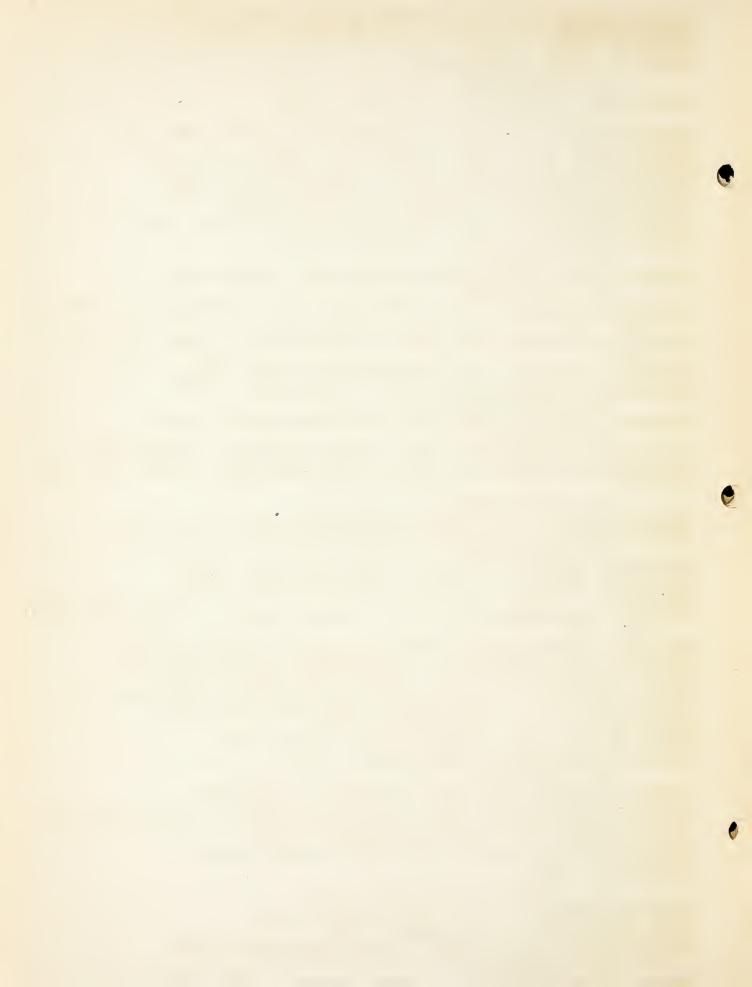
Plowrightia morbosa (Schw.) Sacc. -- black-rot fungus -- 12123

262. DOTHIDEACEAE

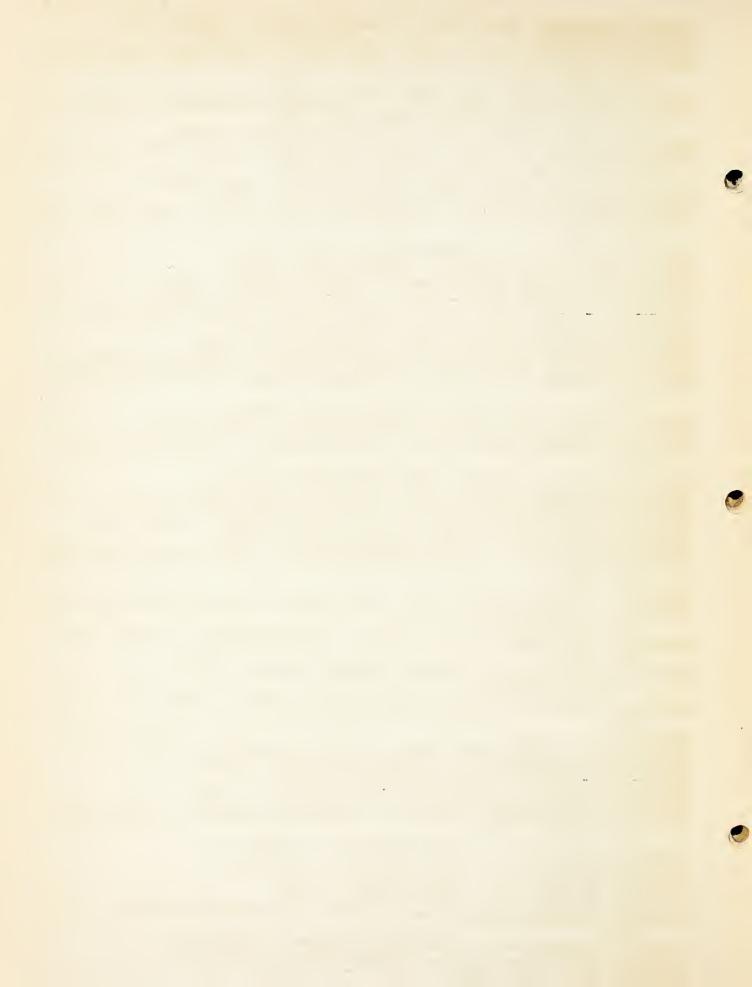
265. SPHAERIACEAE



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Xylaria hypoxylon (L.) Grev. -- Woodland xylaria -- 12569, 12875
Xylaria polymorpha (Pers.) Grev. -- variable xylaria -- 13095
Xylaria sp. (black) - 14123
<u>Xylaria sp. (white) -- 12868, 13102</u>
          292. USTILAGINACEAE
<u>Ustilago</u> <u>zeae</u> (Reckmann) Unger — corn smut — 13590
          294. PUCCINIACEAE
Kuehneola uredinis (Link) Arth. -- blackberry rust -- 14058, 14059, 14221
<u>Kunkelia nitens</u> (Schw.) Arth. — dewberry rust — 12379
Migredo fallens (Desm.) Arth. -- clover rust -- 13471a, 14017, 14018
Phragmidium potentillae (Pers.) Karst. — potentilla rust — 11998
Puccinia grossulariae (Schum.) Lagerh. -- gooseberry rust -- 14281
Puccinia helianthi Schw. -- sunflower rust -- 13600, 13625
Puccinia rubigo-vera (Erikss. & Henn.) Carleton -- wheat rust -- 12850
Uromyces caladii (Schw.) Farl. -- arum rust -- 14235
          298b. AECIDIACEAE
Allodus podophylli (Schw.) Arth. -- mayapple rust -- 12397, 12760
          299. L'ELAM PSORACEAE
Coleosporium delicatulum (Arth. & Kern) Hedge. & Long — goldenrod rust -- 13015,
     14152, 14153
Coleosporium solidaginis (Schw.) Thum. — silver-rod rust -- 13684, 14165, 14265,
     14420
Coleosporium vernoniae Β. & C. -- ironweed rust -- 13284, 14217
Pucciniastrum agrimoniae (Schw.) Tranz. — agrimony rust — 13778
          300. AURICULARIACEAE
Auricularia polytricha (Mont.) Sacc. — hairy jelly-fungus — 14030
          302. TREFELLACEAE
Tremellodendron candidum (Schw.) Atk. — white coral-fungus — 12640, 12876
Tremellodendron pallidum (Schw.) Burt. - pale coral-fungus - 12907, 13027, 13186,
     14367
          304. DACRYOHYCETACEAE
Calocera cornea Fries — common calocera — 12859
Guepinia spathularia (Schw.) Fries -- club-like guepinia - 12961, 12962
          307. THELEPHORACEAE
Aleurodiscus candidus (Fries) Burt. — white aleurodisk — 14396
Aleurodiscus oakesii (B. & C.) Cke. — Oakes aleurodisk -- 12177
Corticium sp. -- 14389
Craterellus cantharellus (Schw.) Fries -- common craterelle -- 13049, 13098, 13235,
     13527, 13738
Craterellus cornucopioides (L.) Pers. -- cornucopia craterelle -- 13051
Peniophora cinerea (Pers.) Cke. -- gray peniophora -- 14050, 14270, 14429
Stereum albobadium (Schw.) Fries -- light-chestnut stereum -- 12023
Stereum fasciatum Schw. — common stereum -- 12459, 13237, 14008, 14051, 14372
Stereum rameale Schw. -- twig stereum - 13967, 14299, 14303, 14395
Stereum sericeum Schw. -- silky stereum -- 13529
Stereum spadiceum Fries -- chestnut stereum -- 13751, 14378
Stereum versicolor Fries -- banded stereum -- 12241
          309. CLAVARIACEAE
Clavaria amethystina (Batt.) Pers. — amethyst coral-mushroom
Clavaria byssiseda Pers. — gray coral-mushroom — 14072
Clavaria cristata (Holmsk.) Pers. — crested coral-mushroom -- 13028, 13676, 14225
Clavaria pyxidata Pers. -- buff coral-mushroom -- 12877
<u> Clavaria vermiculata Micheli -- pencil coral-mushroom -- 13226</u>
Clavaria sp. — 14250
          310. HYDNACEAE
Hydnum cordiforme Scop. — heart hydnum — 13760
Hydnum fragilissimum B. & C. -- fragile hydnum -- 14381
Hydnum zonatum Batsch — zoned hydnum — 13695
Steccherinum rhois (Schw.) Banker -- common steccherinum -- 14004
          311. POLYPORACEAE
Cerrena unicolor (Bull.) Murr. -- uniform polypore -- 12574, 12879
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Coltricia cinnamomea (Jacq.) Eurr. -- cinnamon coltricia -- 13036, 13063
Coriolellus malicola (B. & C.) Murr. — apple trametes — 14283
Coriolus biformis (Kl.) Pat. - violet bench-fungus - 13093, 14007, 14053, 14233,
     14301, 14304, 14373
Coriolus lloydii Murr. -- Lloyd bench-fungus -- 13677
Coriolus nigromar inatus (Schw.) Murr. -- black-margin bench-fungus -- 12017, 12462,
     12811, 13018, 13093a, 14048, 14262, 14277, 14358
Coriolus populinus (Schulz) Murr. -- poplar bench-fungus -- 13096
Coriolus versicolor (L.) Quél. - common bench-fungus -- 12016, 12467, 12571, 13388,
     13754, 14052, 14054, 14081, 14103, 14104, 14288
Daedalea confragosa (Bolt.) Pers. - common dedalea - 12456, 14269
Daedalea quercina (L.) Pers. -- oak polypore -- 12203, 12458
Elfvingia megaloma (Lév.) Murr. - woody bench-fungus - 12451, 12573, 12869, 13091,
     13755, 14307
Favolus rhipidium Berk. — common favolus — 12468, 13752
Fomes subroseus (Weir) Overholts - pinkish fomes - 13040
Gloeophyllum berkeleyi (Sacc.) Murr. — Berkeley polypore — 14369
Gloeophyllum hirsutum (Schaeff.) Murr. - hirsute polypore - 12960
Gloeophyllum trabeum (Pers.) Murr. - tiered polypore - 12461, 12570, 14009
Gloeoporus conchoides Mont. -- shell-like polypore -- 13094
Grifola mesenterica (Schaeff.) Murr. -- common grifola -- 13492
Hapalopilus gilvus (Schw.) Murr. -- cinnamon polypore -- 12572, 14374, 14392
Hexagona alveolaris (P. DC.) Murr. -- honeycomb polypore -- 12575, 12602, 13052,
     14295
Ionotus dryadeus (Fries) Murr. -- dryad polypore -- 12454
Irpiciporus lacteus (Fries) Murr. — milky polypore — 12240, 14049
Laetiporus sulphureus (Bull.) Murr. — sulphur polypore — 13238, 13264, 14147,
     14226
Lenzites betulina (L.) Fries - birch bench-fungus -- 12453
Merulius tremellosus Schrad. — common merulius — 14366, 14379
Polyporus arcularius (Batsch) Fries -- brown stalked polypore -- 12577
Polyporus brumalis (Pers.) Fries - common stalked polypore -- 12460, 12466
Polyporus fagicola Murr. -- beech stalked polypore -- 12870
Polyporus fissus Berk. - woodland stalked polypore -- 12222, 13753, 13960, 13962,
     13964, 14311
Poria sp. - 14377
Poronidulus conchifer (Schw.) Murr. -- shell fungus -- 12242, 14101, 14169, 14170,
     14171, 14371, 14390
Pycnoporus cinnabarinus (Jacq.) P. Karst. - cinnabar polypore -- 12463, 12812,
     14172. 14308
Tyromyces spraguei (B. & C.) Murr. - Sprague polypore - 13965
          312. AGARICACEAE
Armillaria mellea (Vahl) Quél. - honey-colored mushroom - 13961, 14194, 14234,
     14272
Armillaria sp. - 14046
Campanularius solidipes (Peck) Murr. -- common campanularius -- 12576, 14038
Chanterel cinnabarinus Schw. — cinnabar chanterelle — 13045
Chanterel minor Peck - small chanterelle - 13046
Chanterel muscoides (Wulf.) Murr. -- moss chanterelle - 14224
Clitocybe adirondackensis (Peck) Sacc. -- Adirondack clitocybe -- 13056, 13682,
     13726, 14022
Clitocybe albidula Peck -- whitish clitocybe -- 13765a
Clitocybe candens Furr. -- white clitocybe -- 13770, 14083
Clitocybe hiemalis Murr. -- winter clitocybe -- 13743
Clitocybe illudens Schw. -- jack-o-lantern -- 13673
Clitocybe infundibuliformis (Schaeff.) Fries -- funnel-shaped clitocybe -- 13055,
      13101
Clitocybe multiceps Peck -- many-headed clitocybe -- 14035, 14286
Clitocybe virens (Scop.) Sacc. - greenish clitocybe -- 14042
 Clitocybe sp. - 14047, 14296
 Collybia confluens Pers. - confluent collybia -- 13742
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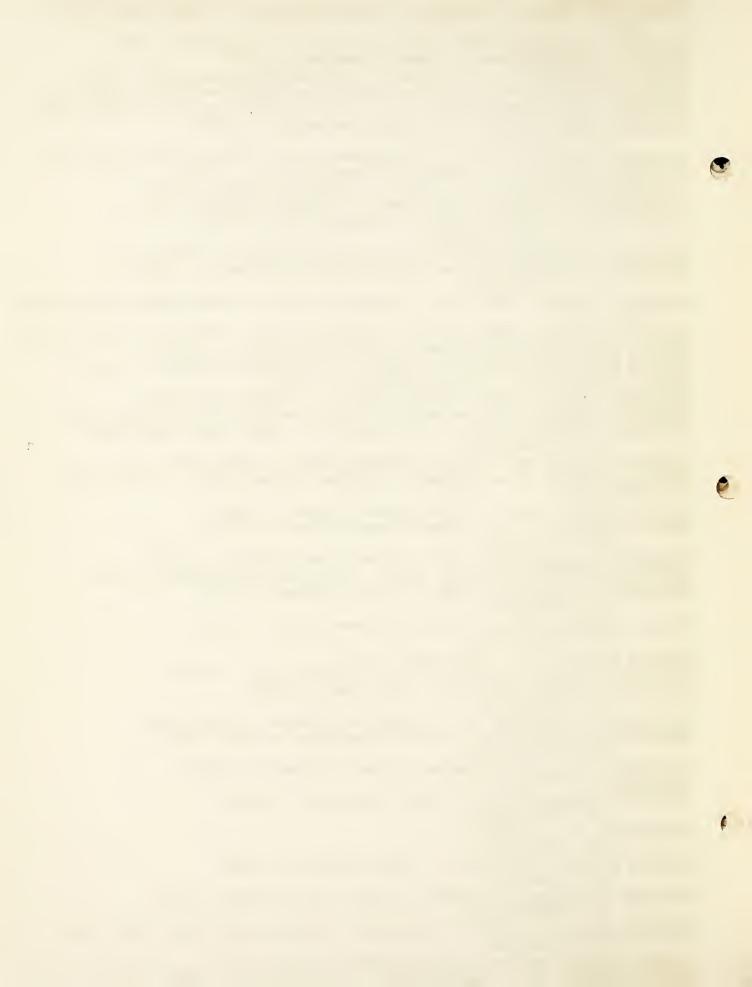


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Collybia radicata (Rehl.) Berk. -- rooted collybia - 13739
Coprinus atramentarius (Bull.) Fries -- common inkcap - 13723, 13771
Cortinarius alboviolaceus (Pers.) Fries - silver-violet cortinarius -- 14043
Cortinarius cinnamomeus (L.) Fries - cinnamon cortinarius -- 14084
Crepidopus ostreatus (Jacq.) S. F. Gray -- oyster-mushroom - 12469, 12554, 12579,
     13021, 13099, 13239, 14148, 14418
Crepidopus serotinus (Schrad.) l'urr. — olive pleurotus — 14364
Entoloma violaceum Hurr. — violet entoloma — 14085
Cymnopilus flavidellus Furr. -- yellow flammula -- 14044
Gymnopilus praecox (Peck) Murr. — gingerbread gymnopilus — 14363
Tymnopilus sp. — 13765
Gymnopus dryophilus (Bull.) Murr. — woodland gymnopus -- 13042, 13679
Gymnopus velutipes (Curt.) Murr. -- velvet-stemmed collybia -- 14293, 14359

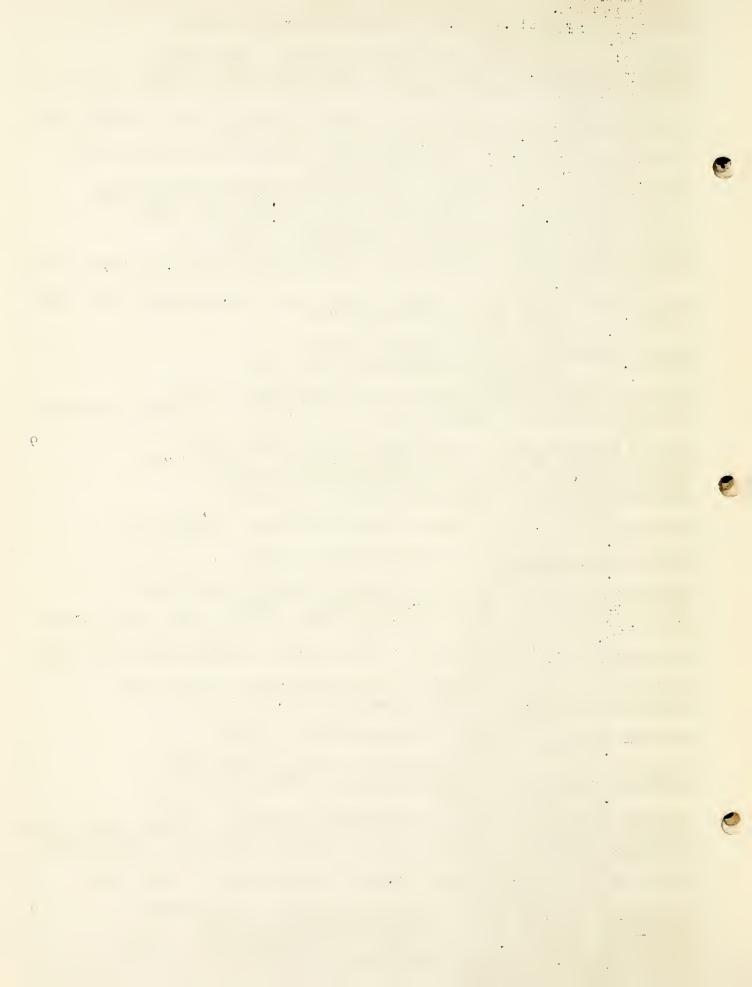
Heoeloma commune (Peck) Murr. -- common hebeloma -- 13772
Hydrocybe ceracea (Wulf.) P. Karst. - waxy hygrophorus - 13062, 13774
Hydrocybe conica (Scop.) P. Karst. - conic hydrocybe -- 13050
Mydrocybe miniata (Scop.) Murr. - scarlet hydrocybe - 13061
Hydrocybe nitida (B. & C.) Furr. -- shiny hydrocybe -- 13038
Hypholoma lateritium (Schaeff.) Quél. -- brick-red hypholoma - 14294, 14355, 14360,
Laccaria laccata (Scop.) B. & Br. - lacquered clitocybe - 13037, 13070
Lactaria camphorata (Bull.) Fries -- camphory milky-cap -- 12910, 13065
Lactaria deliciosa (L.) Fries -- delicious milky-cap -- 12878
Lactaria lactiflua (L.) Burl. — flowing milky-cap -- 13100, 13526
Lactaria subdulcis (Pers.) Fries — sweetish milky-cap — 13030
Lactaria volema Fries -- golden-tawny milky-cap -- 14039
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Lepiota americana Peck — American lepiota — 13657
Lepiota fuscosquamea (Peck) Sacc. -- brown-flecked lepiota -- 13750
Lepiota procera (Scop.) Fries — tall lepiota — 13657a
Yarasmius archyropus (Pers.) Fries — velvety marasmius — 13756, 13757
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     13064, 13528, 13680, 13767, 14020
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Panaeolus retirugis Fries -- wrinkled paneolus -- 12455
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Pholiota squarrosa (Mull.) Fries -- scaly pholiota -- 14261
Pleuropus abortivus (B. & C.) Murr. — abortive clitopilus — 14268
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Prunulus delectabilis (Peck) Murr. — white prunulus — 14273
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Prunulus leaianus (Berk.) Yurr. -- Lea prunulus -- 12601, 13236, 13722, 13773
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Psalliota silvicola (Vitt.) Fries - sylvan mushroom - 13451, 13724
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 Russula alutacea (Pers.) Fries - tan-colored russula - 14041
 Russula emetica (Schaeff.) Fries — emetic russula — 12861, 13024
 Russula foetens (Pers.) Fries — fetid nussula — 13039
 Russula purpurina Quél. & Schulzer - purpurine russula - 14040
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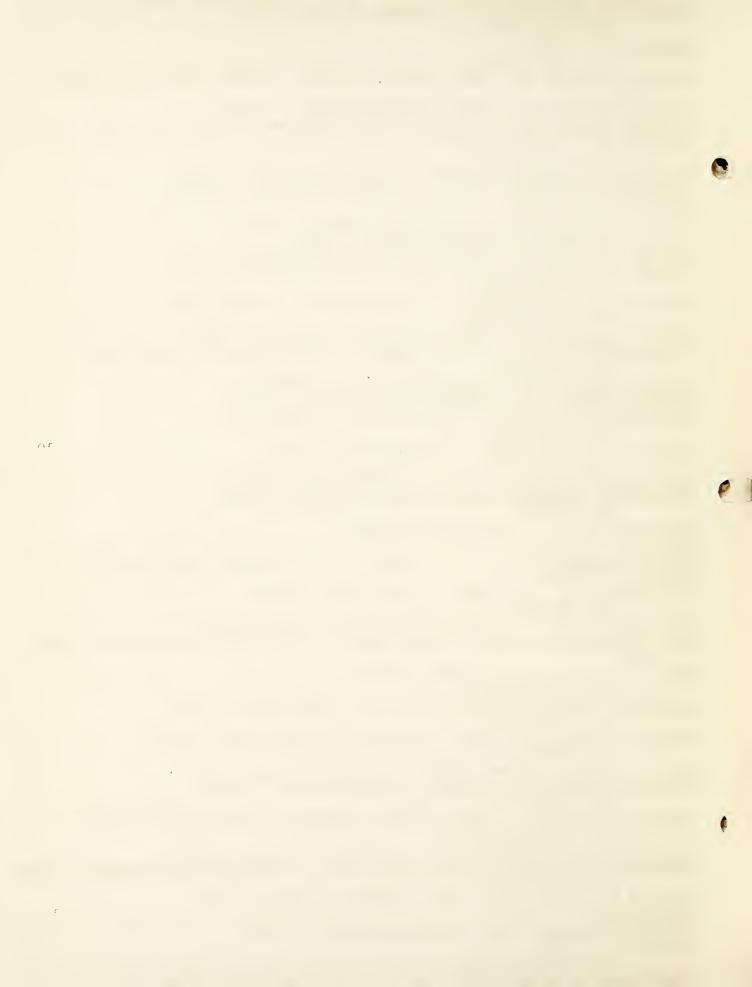
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Russula virescens (Schaeff.) Fries -- green russula -- 12959, 13019, 13031, 13058
Schizophyllus alneus (L.) Schroet. -- common schizophyll -- 12578, 12862, 14188,
     14222
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           390. AN THOCER OTACEAE
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457. SE ATOPHYLLACEAE
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          459. BRACHYTHICIACEAE
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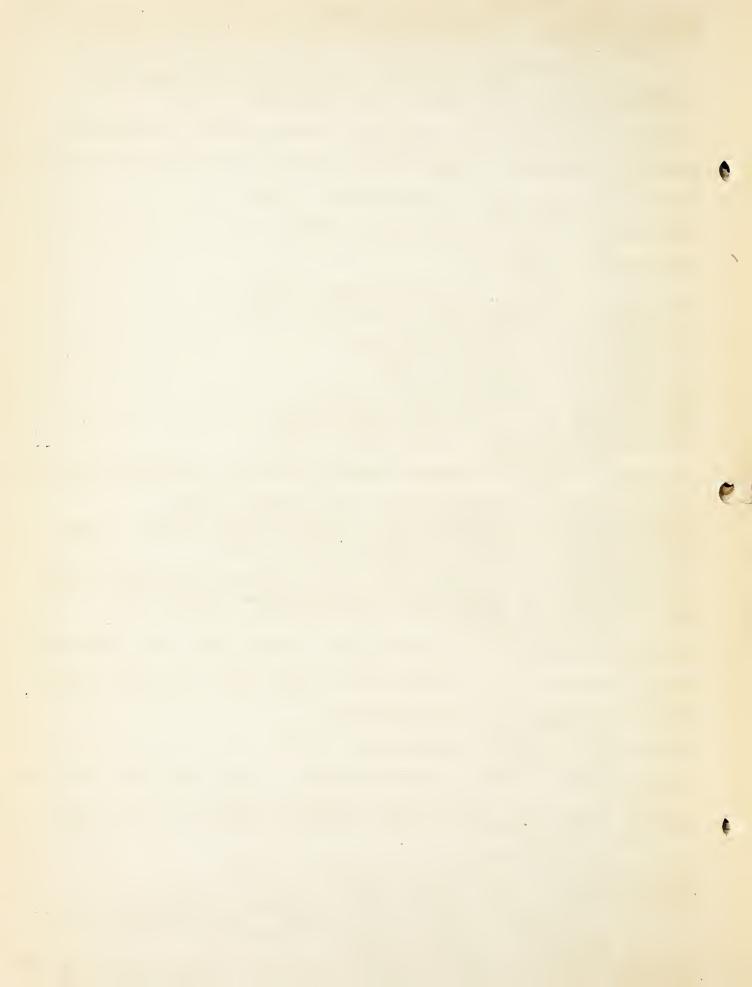
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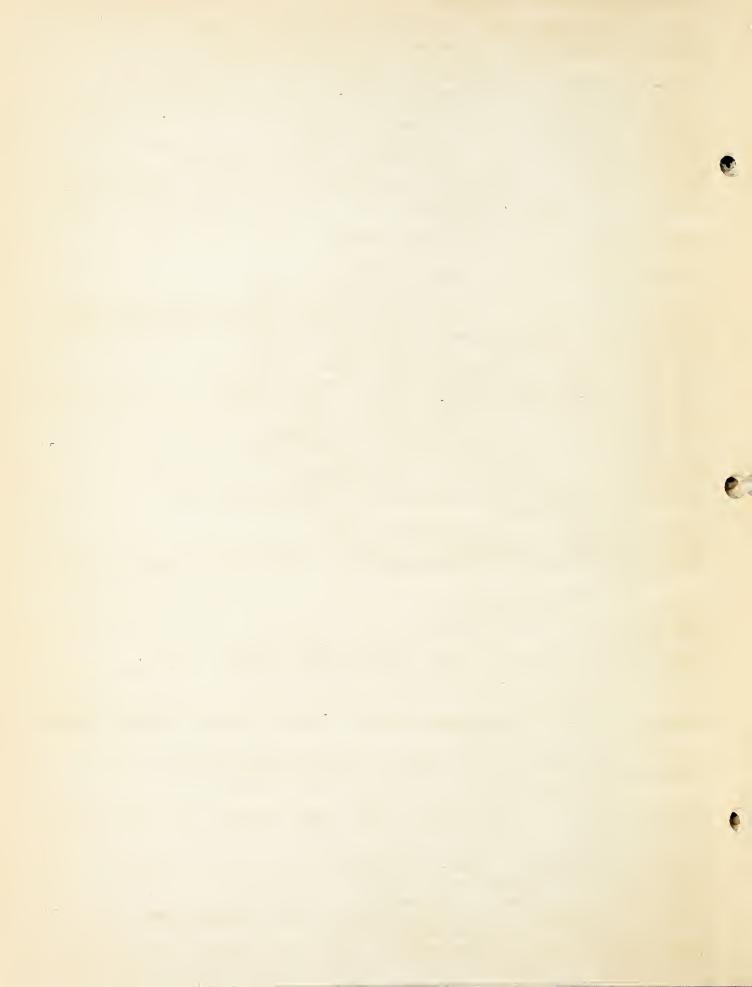
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ison 37
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          553. NELUTBONACEAE
Nelumbium nelumbo Druce -- East Indian lotus
          554. BERBERIDACEAE
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Berberis thunbergii var. atropurpurea Chenault — purpleleaf Japanese barberry
<u>l'ahonia aquifolium</u> (Pursh) Nutt. — Oregon hollygrape
          555. PODOPHYLLACEAE
Caulophyllum thalictroides (L.) Nichx. -- blue-cohosh -- 12159, 12387
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          559. 1 ENISPERMACEAE
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Asarum canadense L. -- Canada wild-ginger -- 12265, 12331, 12504, 12828, Jenkins 20
          568. PAPAVERACEAE
Chelidonium majus L. -- greater celandine -- 11939, 12179, 12360
Papaver orientale L. — oriental poppy
Papaver rhoeas L. -- corn poppy
Sanguinaria canadensis L. -- bloodroot -- 12008, 12343, 12550
          569. FUMARIACEAE
<u>Dicentra</u> <u>canadensis</u> (Goldie) Walp. — squirrelcorn — 12141
Dicentra cucullaria (L.) Bernh. — dutchmans-breeches — 12140, 12400
Dicentra spectabilis Lem. -- bleedingheart -- 13375
          572. CAPPARIDACEAE
Cleome spinosa L. -- giant spiderflower
          575. BRASSICACEAE
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Arabis laevigata (Muhl.) Poir. - smooth rockcress - 12107, 12276, 12313
Armoracia lapathifolia Gilib. — common horseradish — 12312, Post 41
Brassica napobrassica Fill. — rutabaga — 13247
Brassica nigra (L.) K. Koch -- black mustard -- 12848, 13938
Brassica oleracea var. acephala P. DC. -- kale
Brassica oleracea var. capitata L. -- cabbage -- 13246
Brassica rapa L. — common turnip — 12314, 12522
Campe barbarea (L.) W. F. Wight - bitter wintercress - 11960, 12342, 12486, 12712,
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Capsella bursa-pastoris (L.) Nedic. -- common shepherdspurse -- 12070, 12674
Cardamine bulbosa (Schreb.) B.S.P. -- bulb bittercress -- 11944, 12089, 12274, 12345
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Cardamine parviflora var. arenicola (Britton) O. E. Schulz — smallflower bittercress
     -- 13157
Cardamine pensylvanica Tuhl. -- Pennsylvania bittercress -- 12290
Dentaria laciniata Tuhl. - cut toothwort - 12094, 12275, 12344
Draba verna L. -- vernal whitlowgrass -- 12012, 12085, 12292
Hesperis matronalis L. — dames rocket — 12629
Lepidium campestre (L.) R. Br. -- field cress - 12077, 12340, 12515
Lepidium virginicum L. -- wild peppergrass -- 12168, 12339, 12675, 12956, adison 42
Lobularia maritima (Lam.) Desv. -- common sweet-alyssum
Masturtium officinale R. Br. -- watercress -- 12048, 12272, 12428, 12437, 13550
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<u>Viola conspersa</u> Reichenb. -- American dog violet -- 12349
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<u>Viola eriocarpa</u> f. <u>leiocarpa</u> (Fern. & Wieg.) Deam — 13520
Viola fimbriatula J. E. Sm. — ovateleaf violet -- 12263
<u>Viola hastata Michx. -- halberdleaf yellow violet -- 12377</u>
Viola kitaibeliana var. rafinesquii (Greene) Fern. -- field pansy -- 12350
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Viola sagittata Ait. — arrowleaf violet — 14220, 14284
Viola sororia Willd. — woolly blue violet — 12277, 12293
Viola striata Ait. -- pale violet -- 12278, 12519, 12653, 13515, 13946
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Sedum reflexum L. -- jenny stonecrop
Sedum ternatum Michx. — mountain stonecrop — 11942, 12309
Sedum triphyllum (Haw.) S. F. Gray — garden orpine — 12072
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Gypsophila paniculata L. -- common babysbreath
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Lychnis coronaria (L.) Desr. -- rose campion
Saponaria officinalis L. — common bouncing-bet — 12078, 12632, 13325
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Silene stellata var. scabrella Nieuwl. - scabrous starry campion - 13146, 13951,

Silene cucubalus Wibel — bladder campion

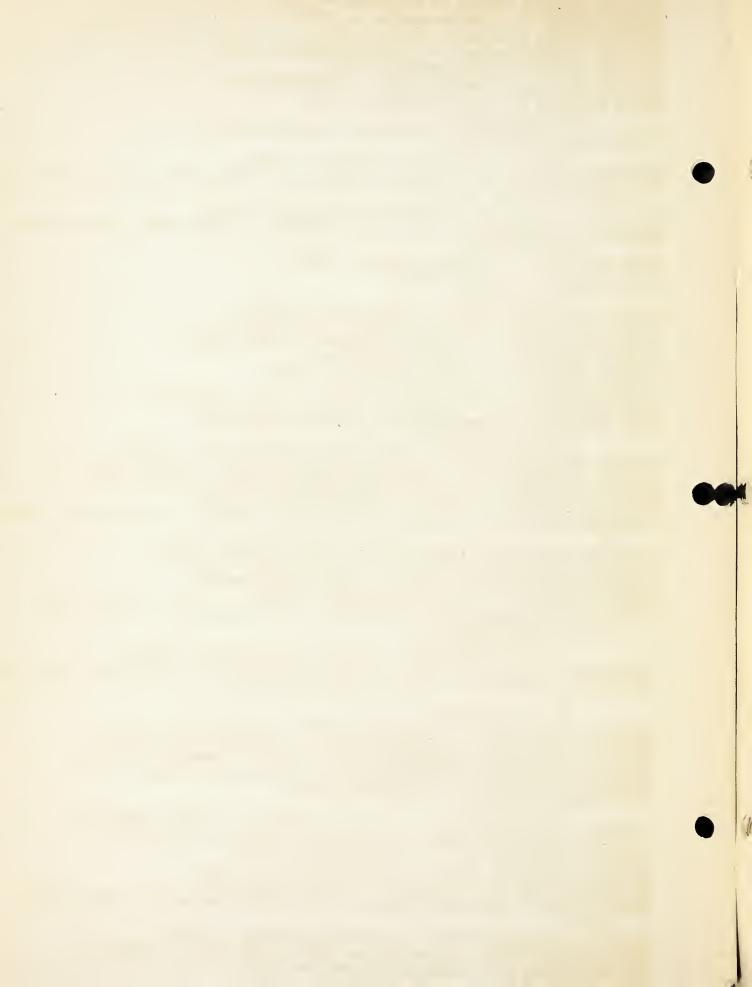


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          596. ALSINACEAE
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Rumex crispus L. — curly dock — 12000, 12680
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     tearthumb -- 13110
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     Jenkins 28
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     12854, 12971, 13220, 14223, Madison 30
Chenopodium berlandieri ssp. zschackei f. viride (L.) Moldenke - green pigweed --
     13312
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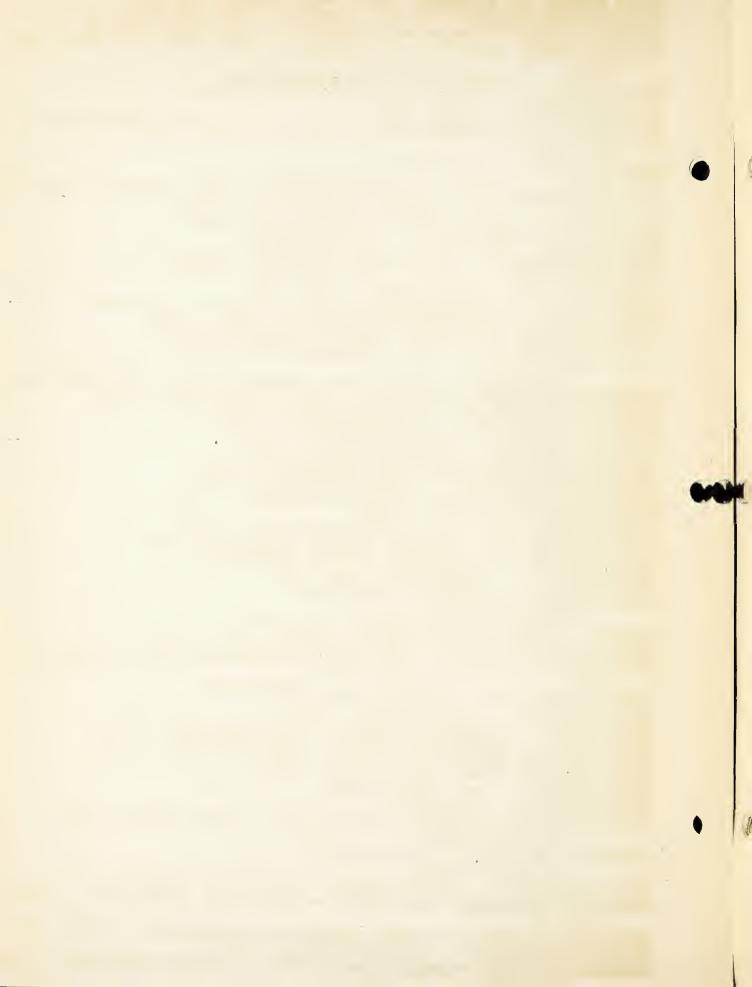


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Chenopodium standleyanum Aellen -- Standley goosefoot -- 13952
Kochia scoparia var. trichophila (Schinz & Thell.) L. H. Bailey -- common summer-
     cypress -- 12476, 12792, 14151
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          612. LIMANTHACEAE
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Isnardia palustris var. americana P. DC. — American marsh-purslane — 12924, 13976
Kneiffia perennis (L.) Pennell -- small sundrops -- 12932, Post 316
Ludvigia alternifolia L. -- common seedbox -- 12049, 13282, Nadison 91
Cenothera pycnocarpa Atkinson & Bartlett -- leafy evening-primrose -- 12080, 12992,
    Madison 93, Post 92
         623. CALLITRICHACEAE
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         629. NYCTAGINACEAE
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         646. TAMARICACEAE
Tamarix gallica L. -- French tamarisk
Tamarix juniperina Bunge -- juniper tamarisk
         649. PASSIFLORACEAE
Passiflora lutea var. glabriflora Fern. — yellow passionflower — 12713, 13547
          651. CUCURBITACEAE
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Cucurbita maxima Duchesne -- winter squash
Cucurbita moschata Duchesne -- crookneck squash -- 13250
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Begonia heracleifolia Cham. & Schlecht. -- shaggy begonia
          673. HYPERICACEAE
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     ison 45
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Hydrangea macrophylla f. hortensia (Maxim.) Rehd. — greenhouse hydrangea
Hydrangea paniculata var. grandiflora Sieb. - peegee hydrangea
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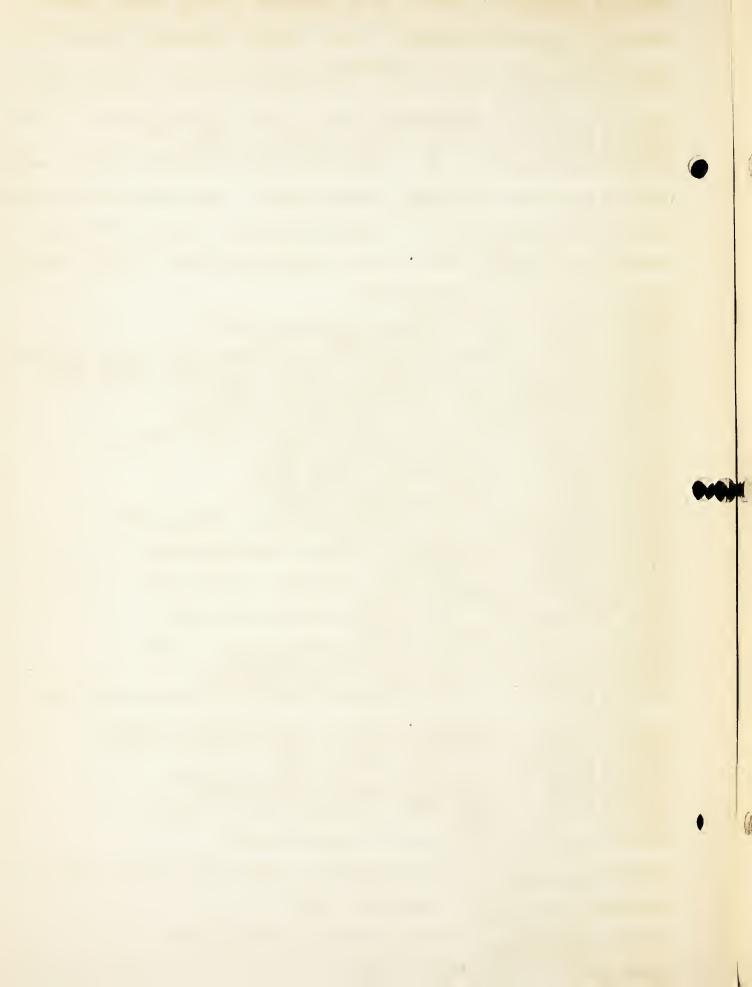


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Kerria japonica var. pleniflora Witte - double Japanese-rose
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 alus coronaria (L.) ill. -- wild sweet crabapple -- 12298
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alus pumila Mill. -- common apple -- 12117, 12246, 12283
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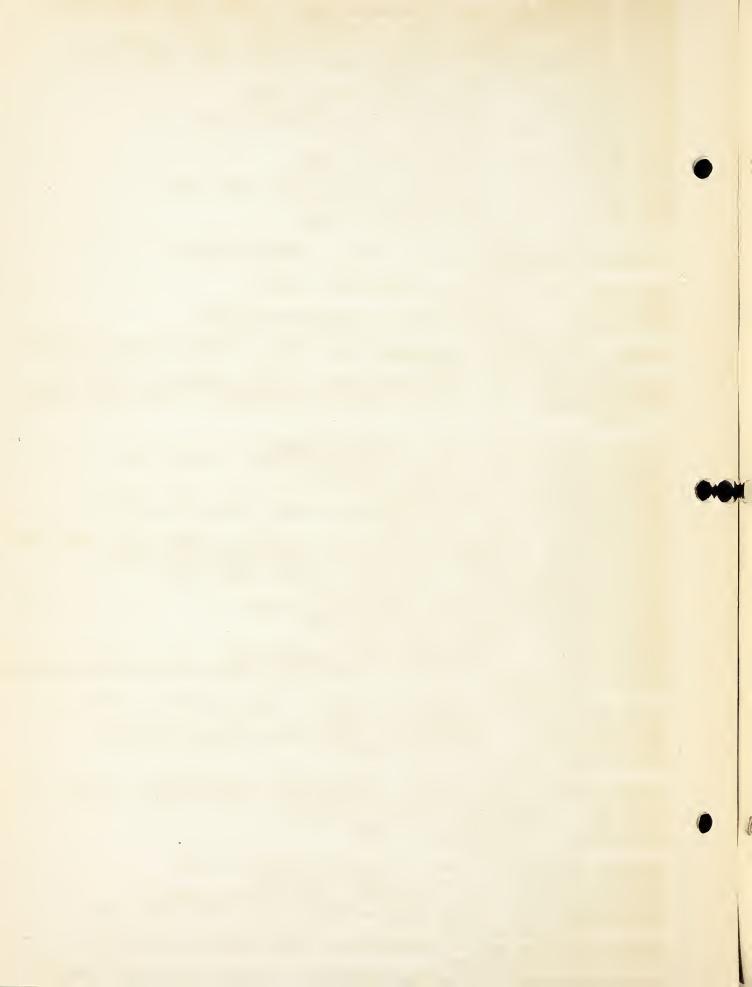


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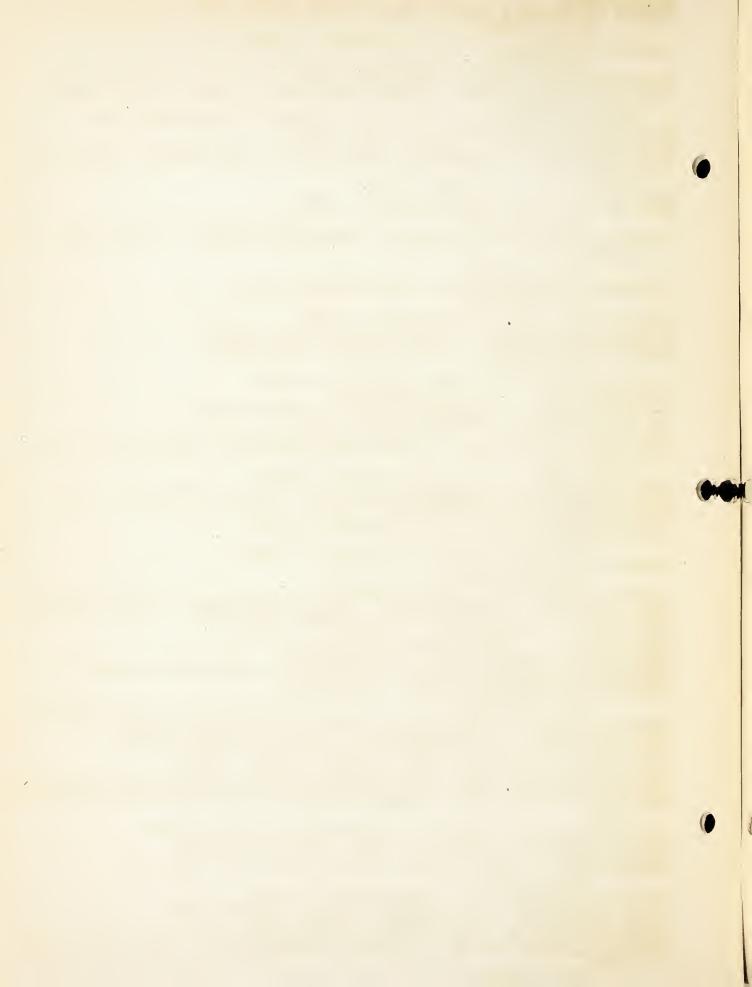
Populus alba L. - white poplar - 12124



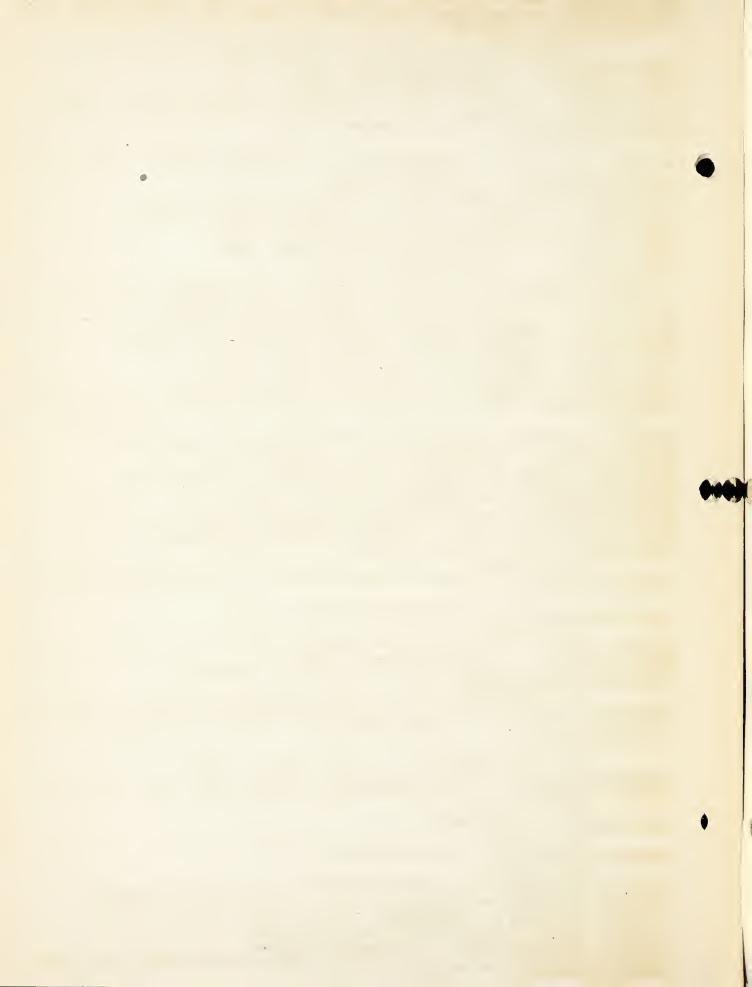
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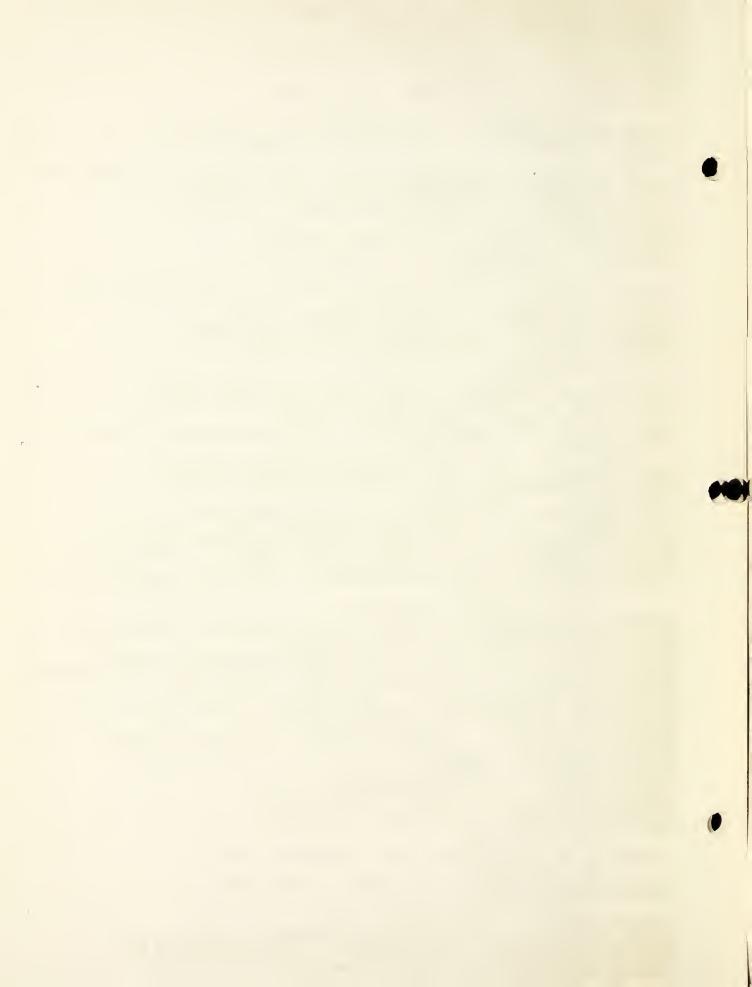
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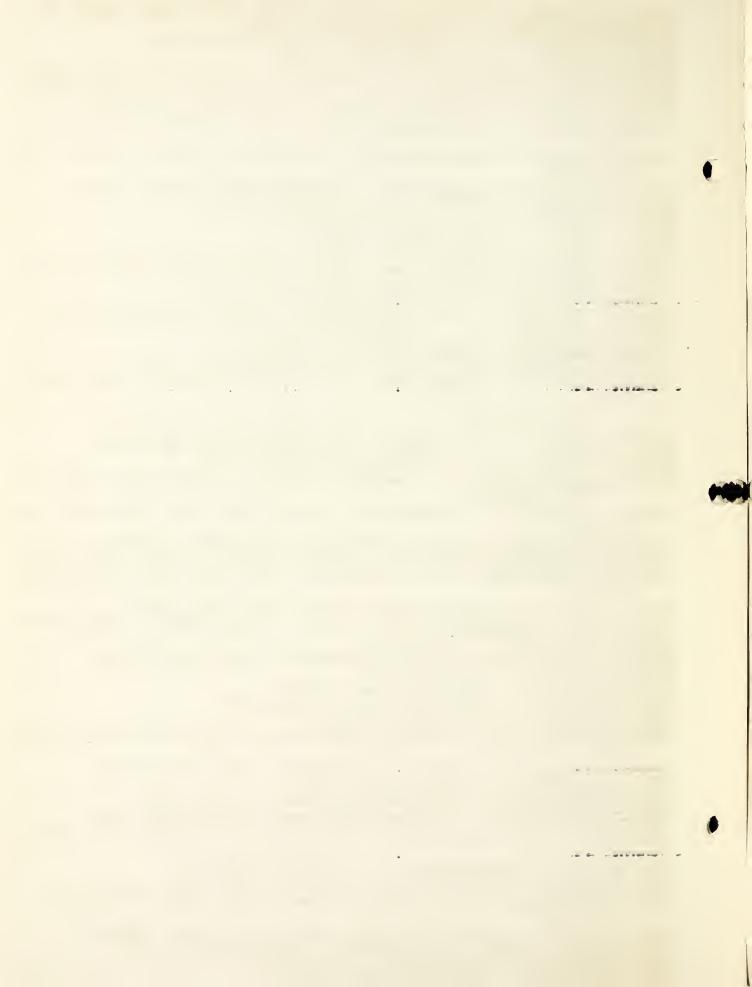
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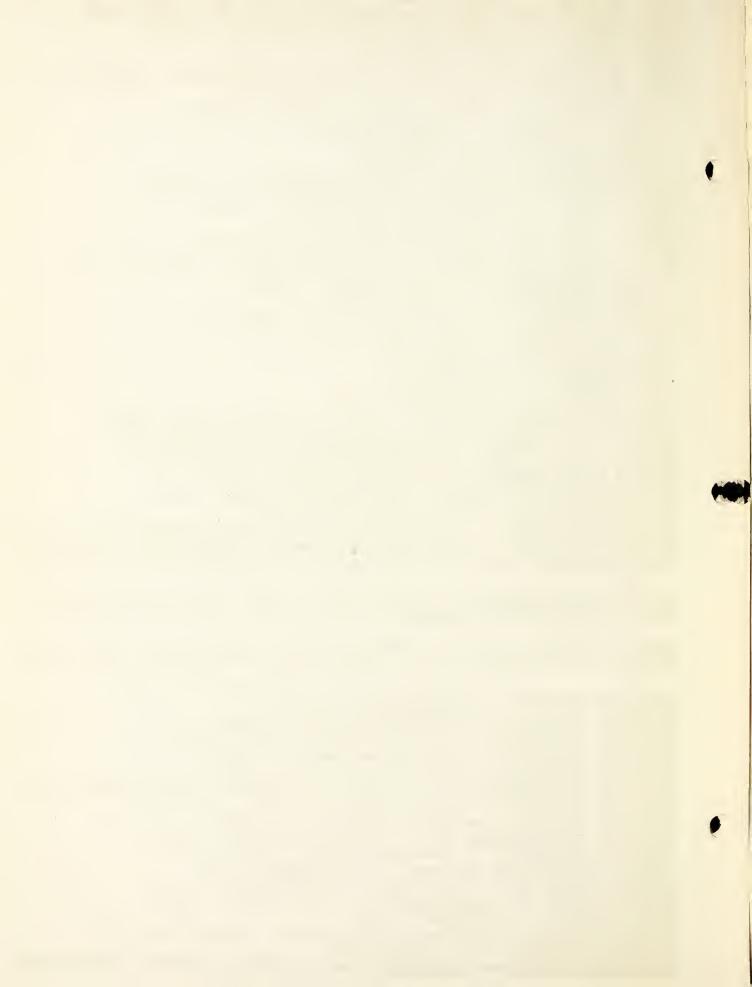
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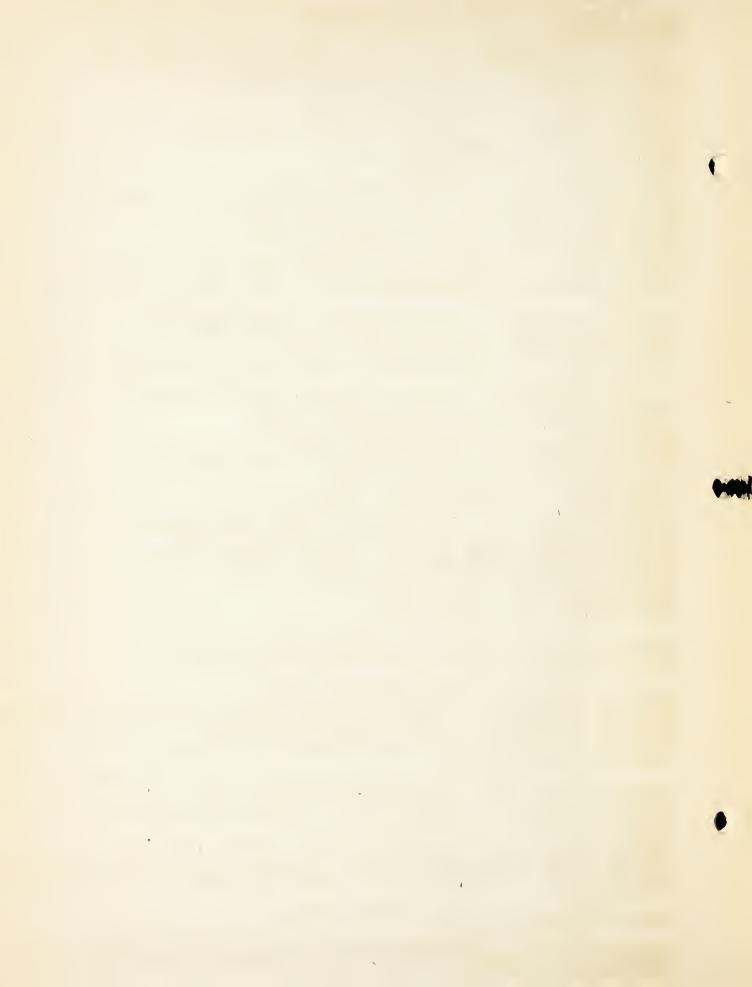


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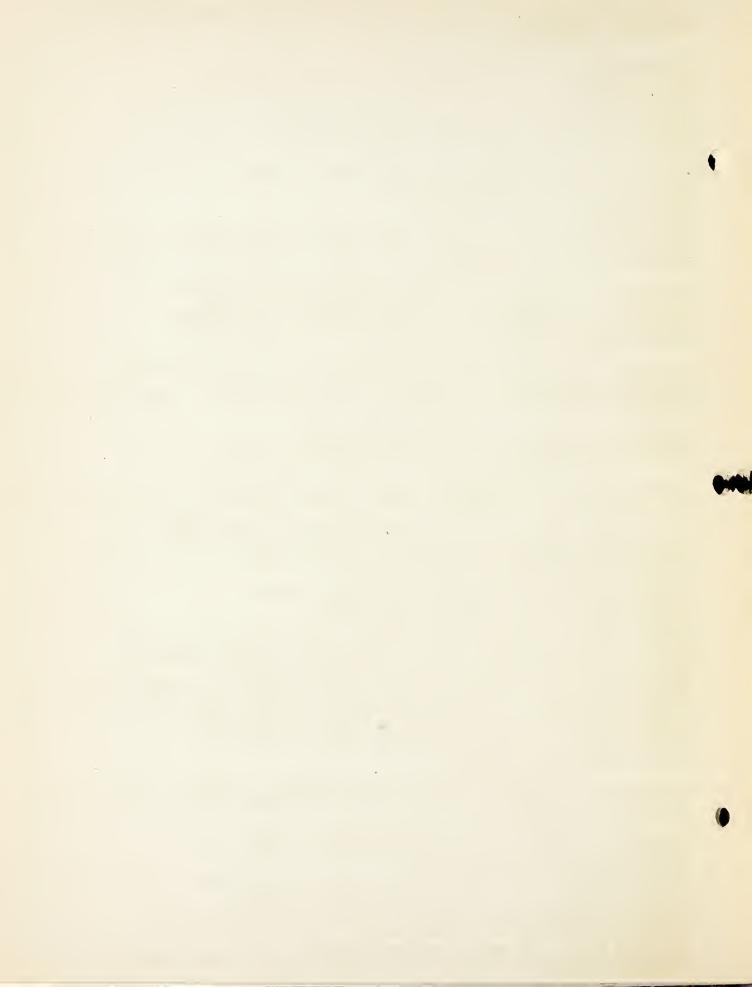


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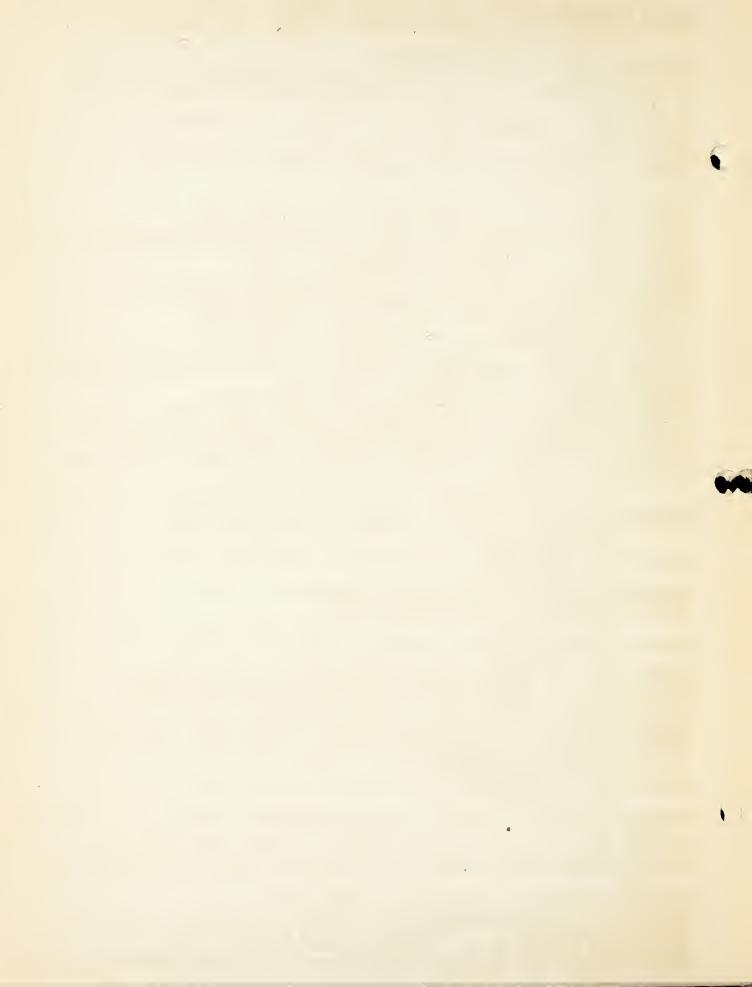
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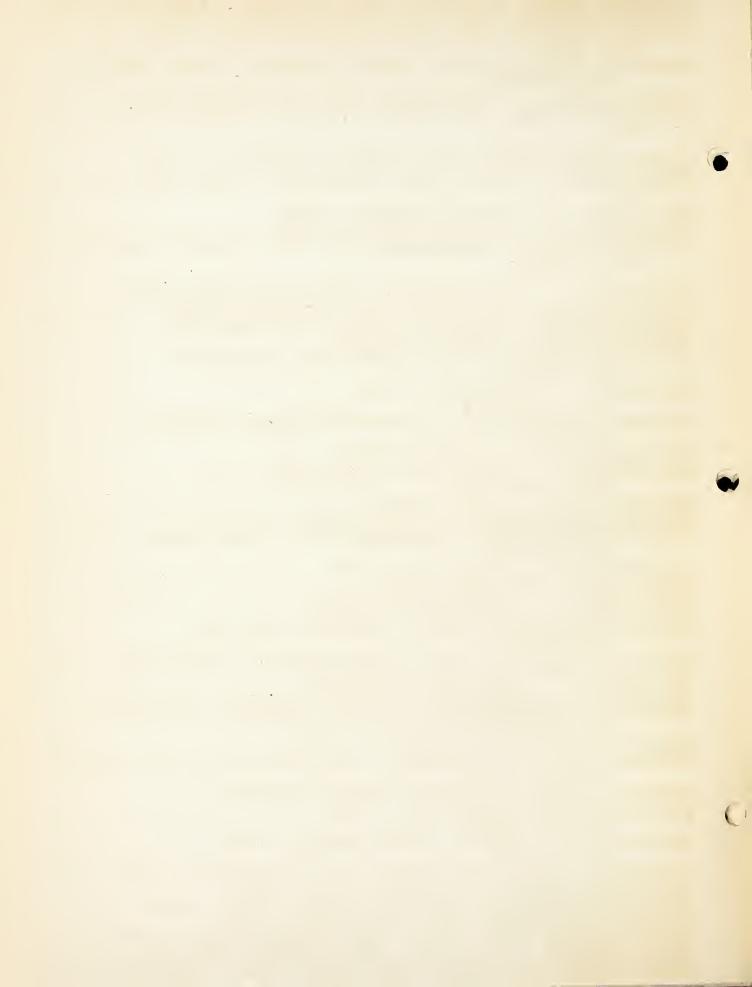
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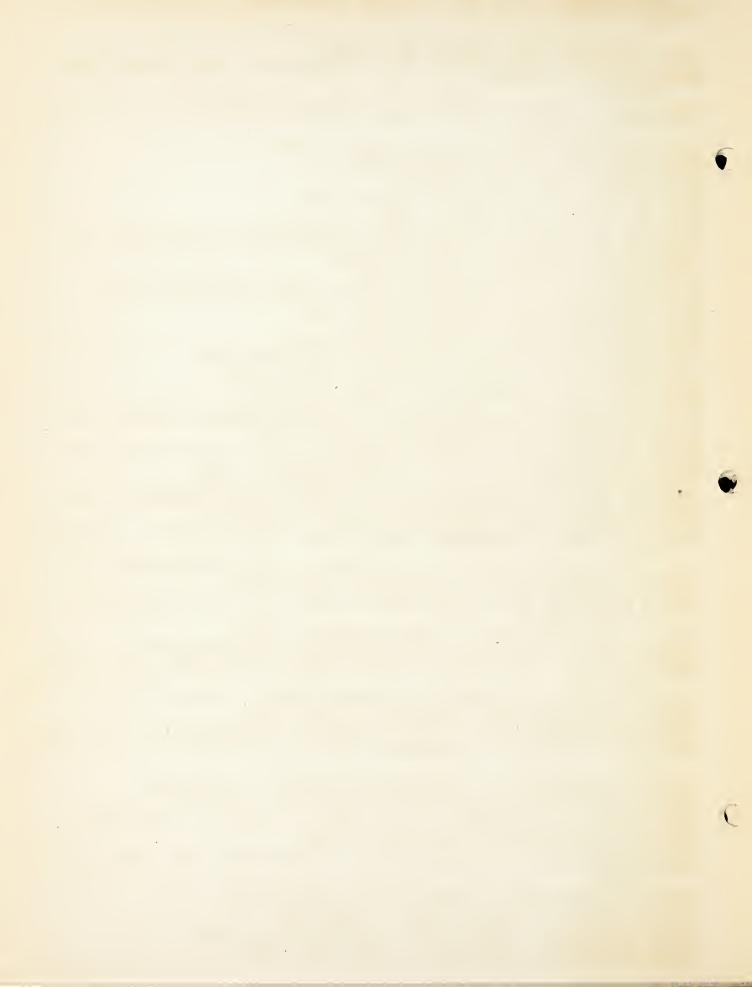
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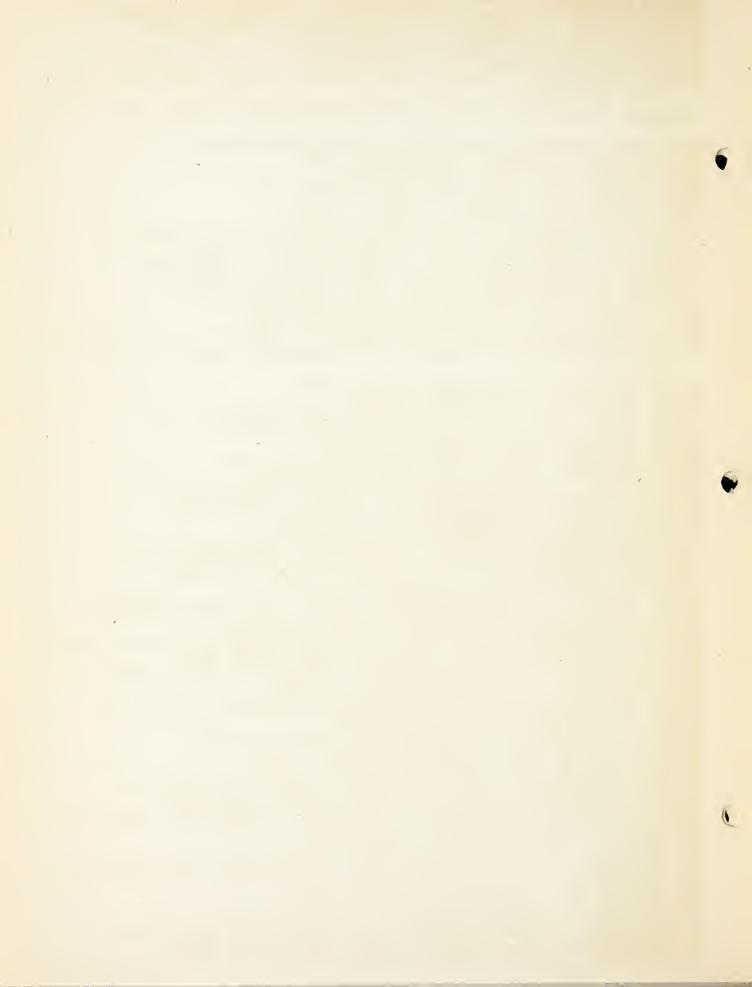
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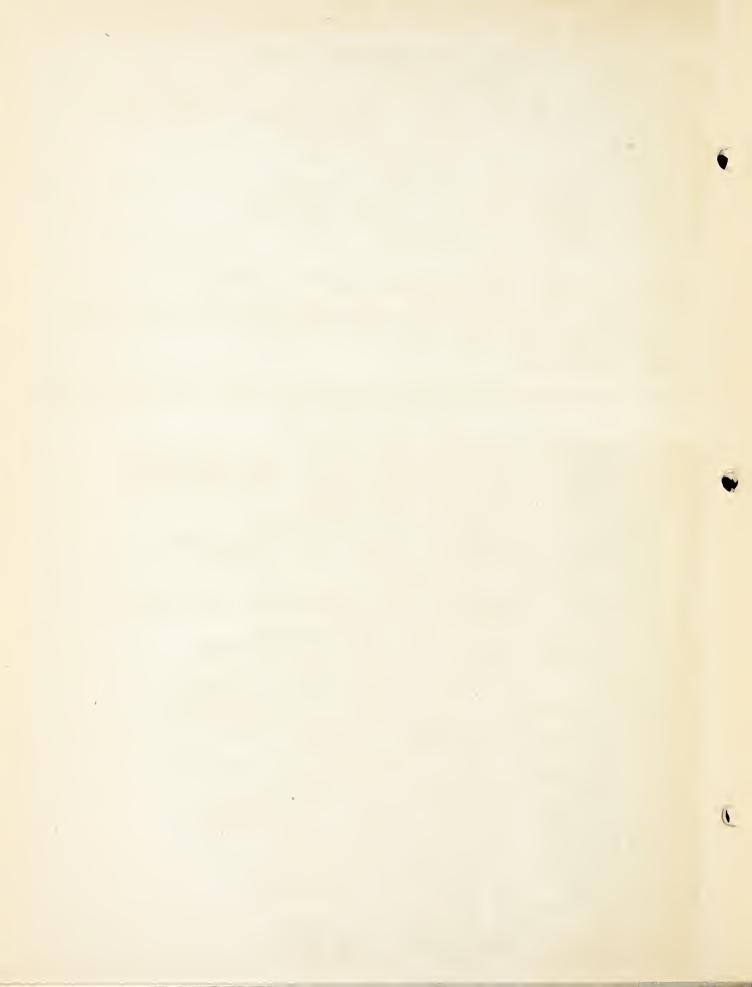
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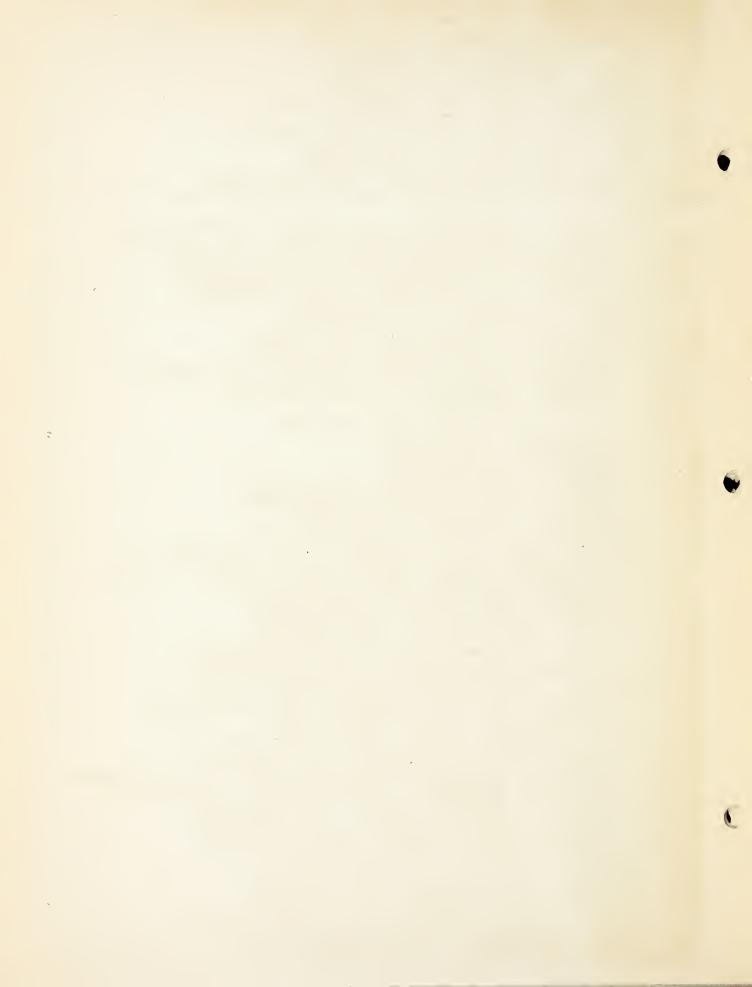
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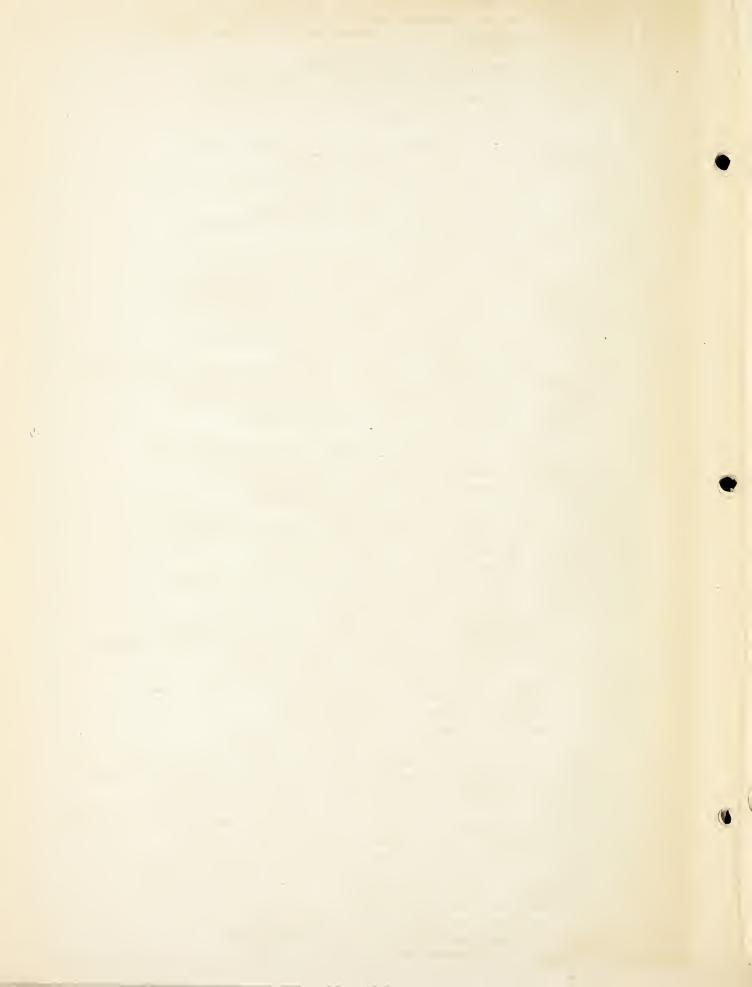
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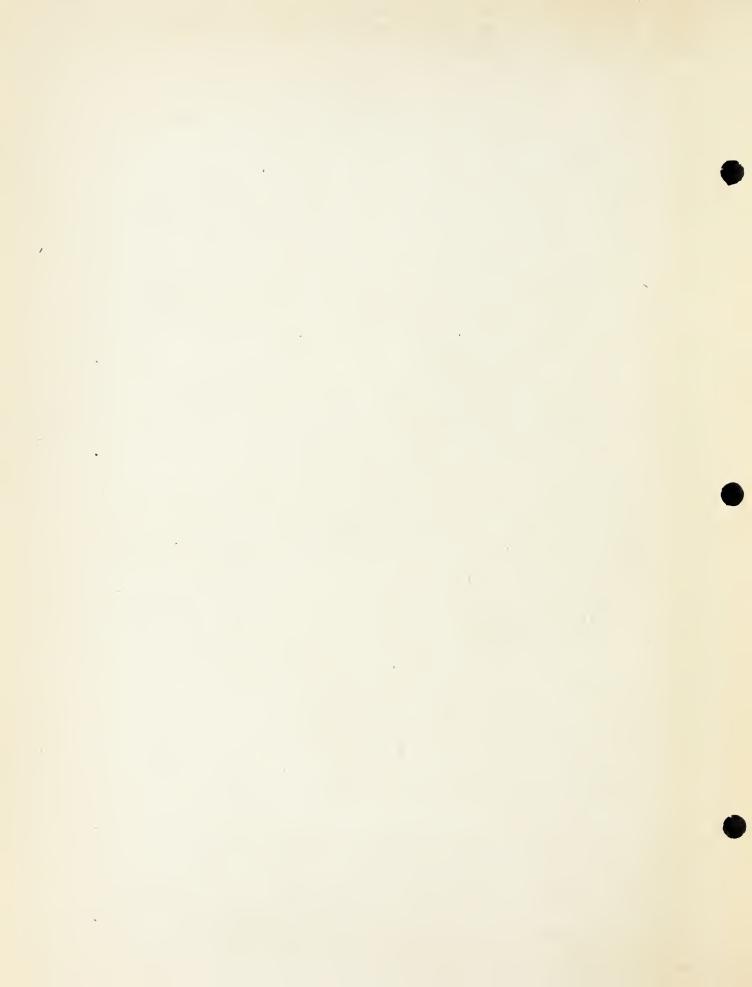
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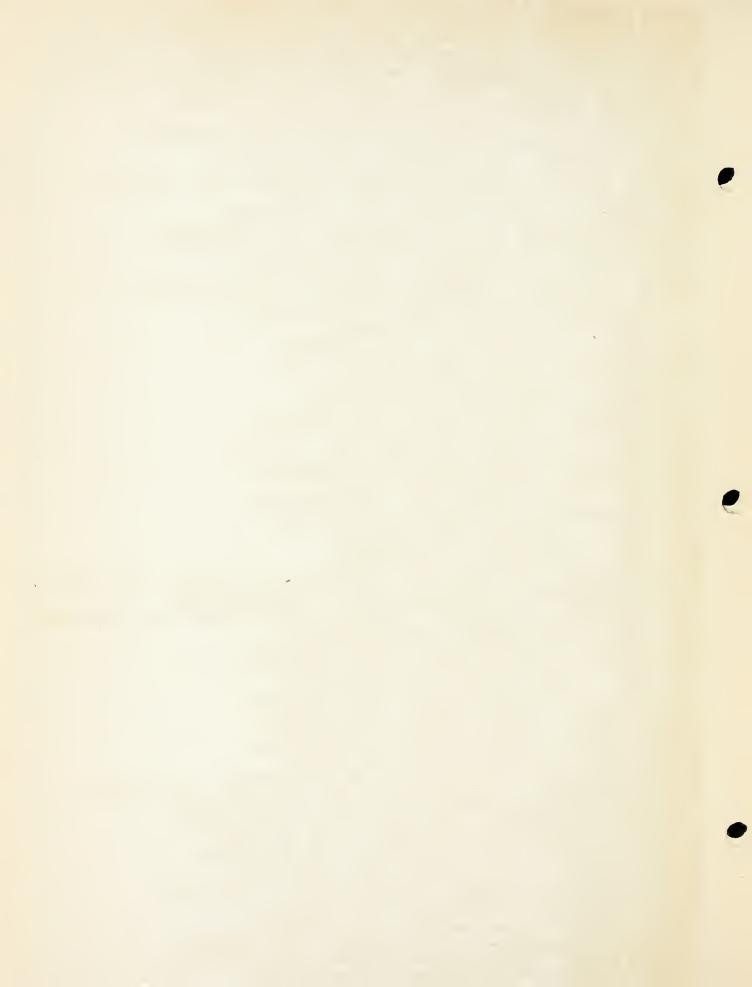
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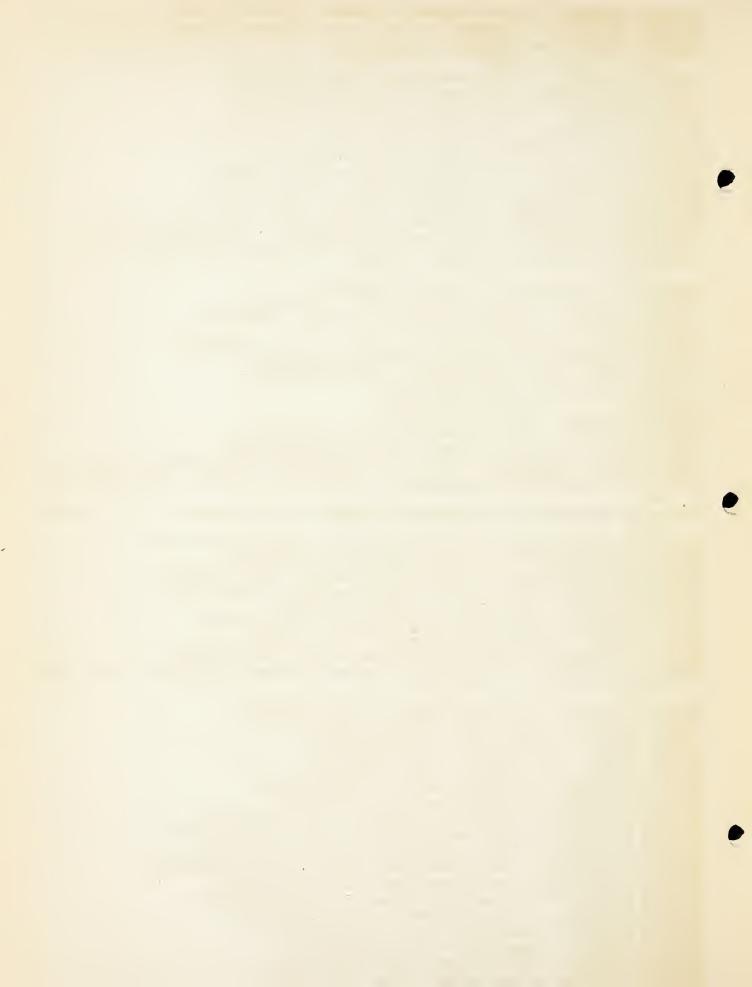
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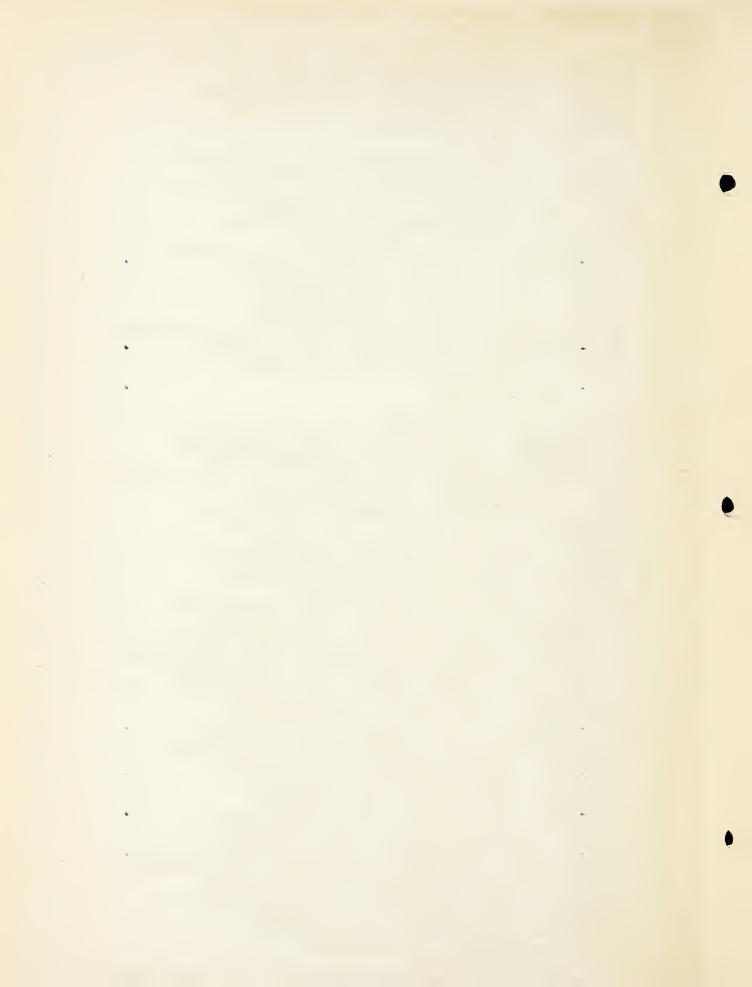
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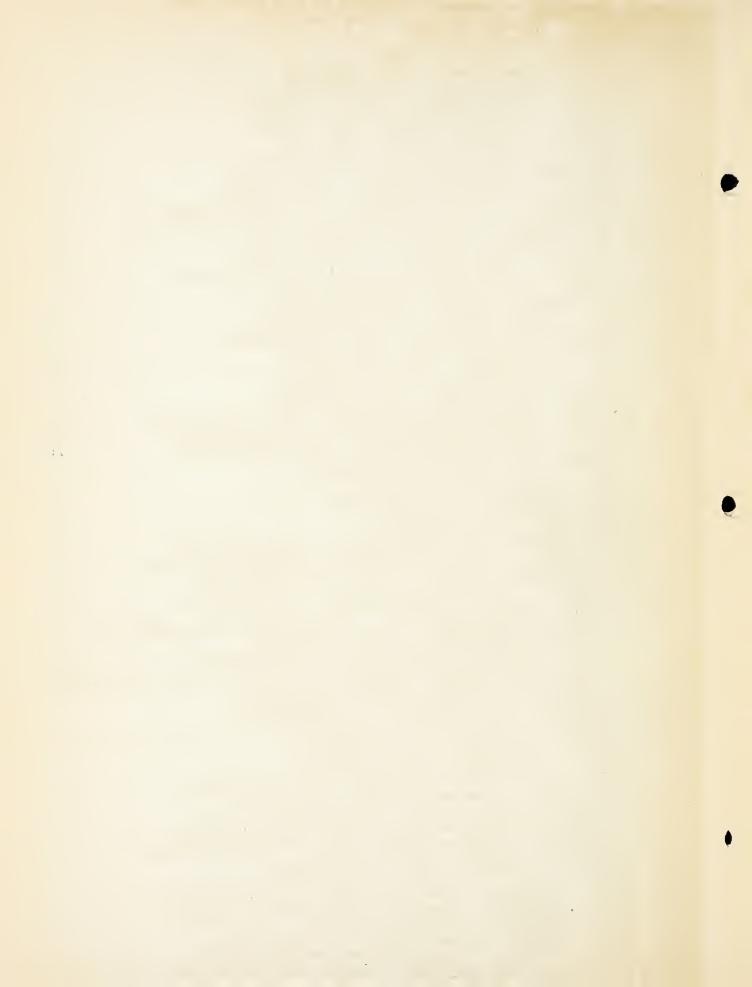
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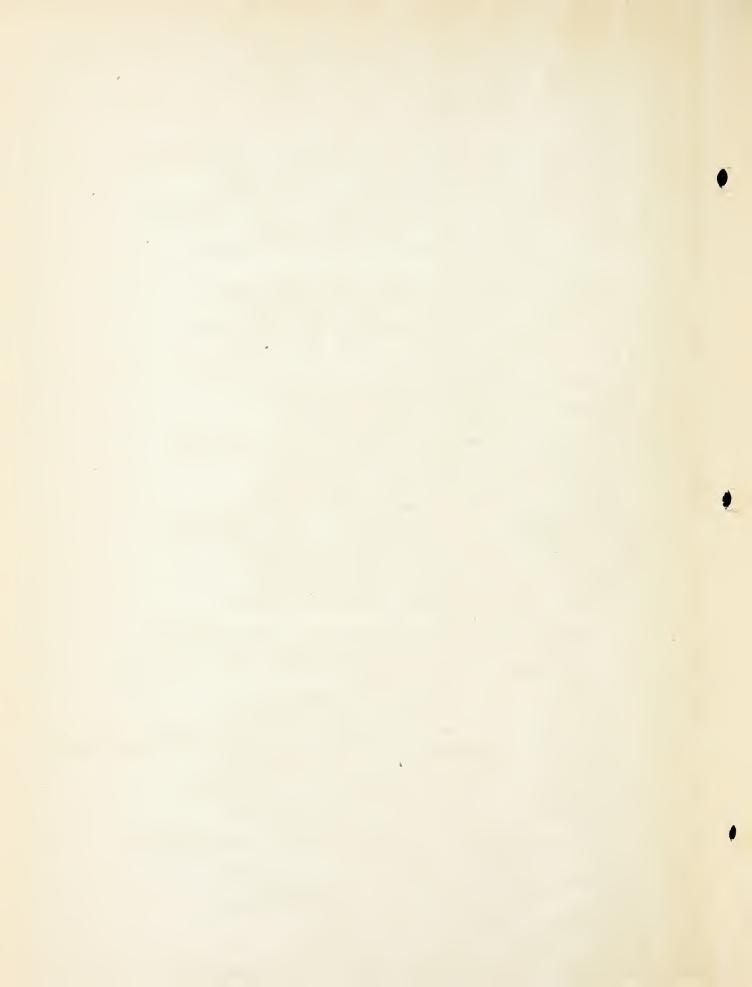
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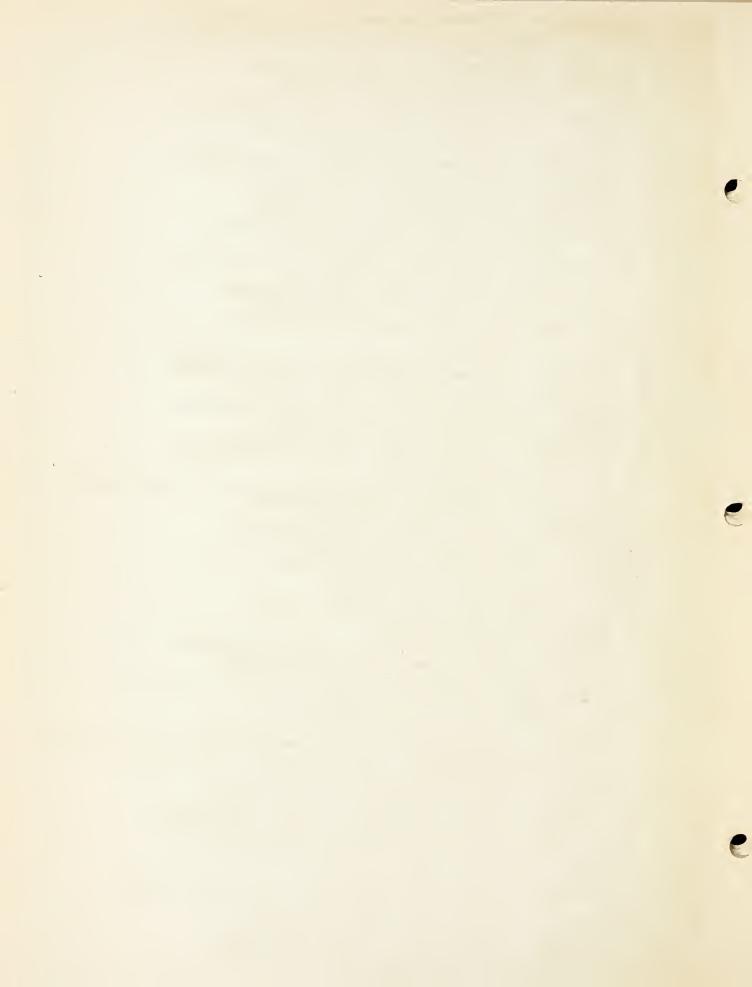
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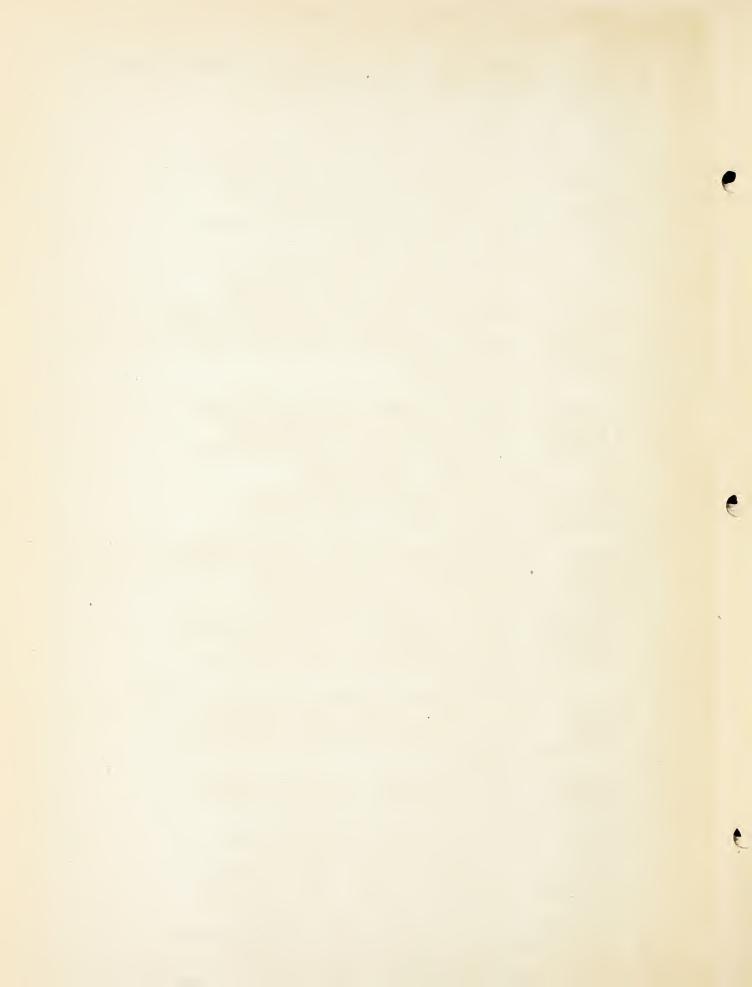
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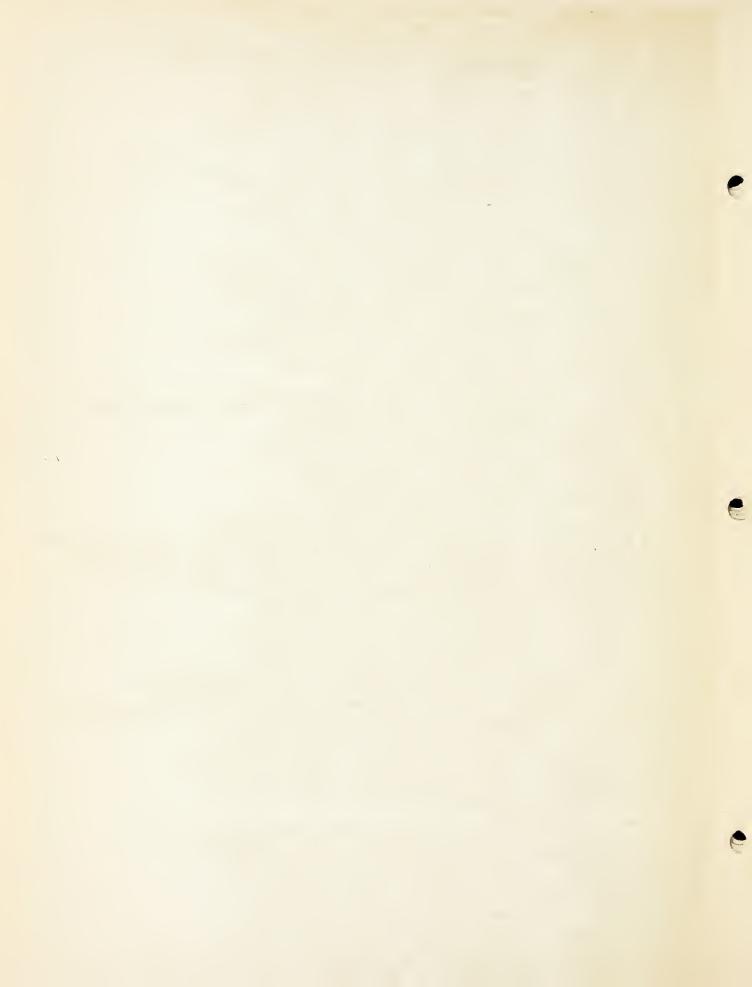
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Fragaria virginiana — Virginia strawberry — 695. ROSACEAE
Fraxinus americana -- white ash -- 794. OLEACEAE
Frullania eboracensis -- pattern-making liverwort - 391. JUNGERMANNIACEAE
Fuligo septica — yellow fuligo — 31. PHYSARACEAE
Funaria hygrometrica — campfire-moss — 413. FUNARIACEAE
Galarhoeus commutatus — tinted spurge — 687. EUPHORBIACEAE
Galarhoeus cyparissias — cypress spurge — 687. EUPHOLBIACEAE
Galax aphylla -- beetleweed -- 783. GALACACEAE
Galeorchis spectabilis - showy orchis - 912. ORCHIDACEAE
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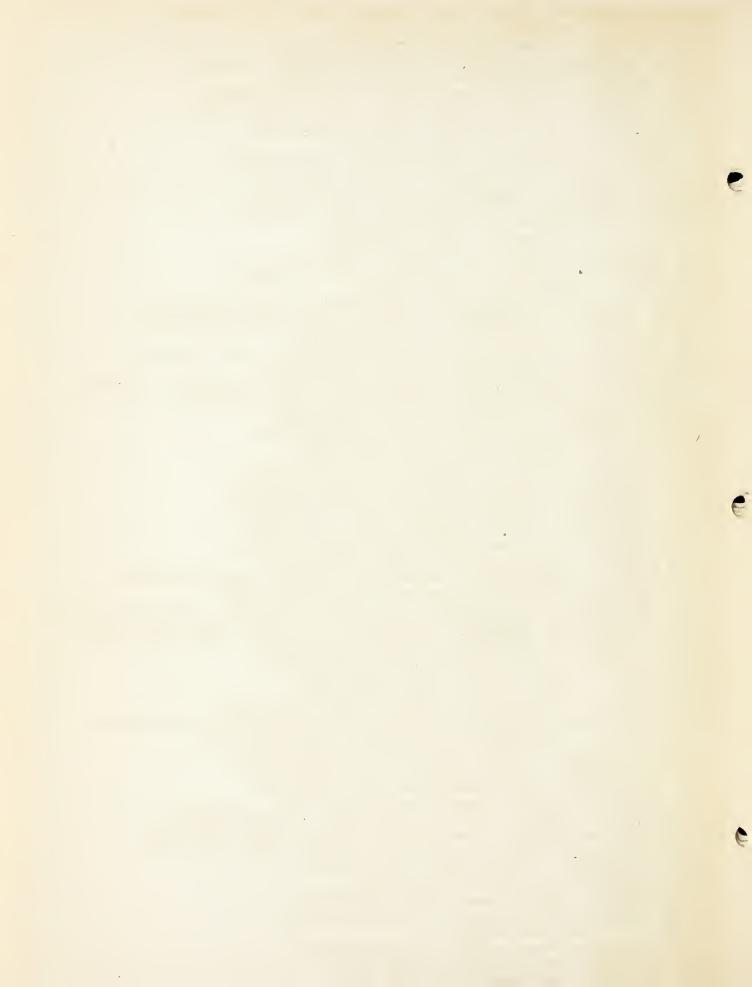
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Palinsoga ciliata - white devilsweed -- 805. CALDUACEAE
Galium aparine -- cleavers -- 797. RUBI.CEAE
Galium asprellum - rough bedstraw -- 797. RUPIACEAE
Galium circaezans var. hypomalacum -- hairy vild-licorice -- 797. PUBIACEAE
Galium concinnum -- shining bedstraw -- 797. RUBIACIAE
Galium lanceolatum - Torrey wild-licorice - 797. RUBIACEAE
Galium mollugo — white bedstraw — 797. RUBIACEAE
Galium pilosum — hairy bedstraw — 797. RUBIACEAE
Galium triflorum - sweet-scented bedstraw - 797. RUBIACEAE
Gaura biennis - biennial butterfly-flower - 621. OENOTHERACEAE
Gaylussacia baccata - black huckleberry - 779. VACCI IACEAE
Geaster saccatus - saccate earth-star - 321. LYCOPERDACEAE
Geranium maculatum - wild geranium - 611. GERANIACE.E
Gerardia tenuifolia - slender gerardia - 826. SCROPHULARIACEAE
Geum canadense - white avens -- 695. ROSACEAE
Geum virginianum - cream-colored avens - 695. ROSACEAE
Ginkgo bil Sba -- common maidenhair-tree -- 520. GI KGOACEAE
Gladiolus hortulanus -- garden swordflower -- 892. IPIDACEAE
Glecoma hederacea var. parviflora - small-flower ground-ivy - 840. LAMIACEAE
Gleditsia triacanthos - common honeylocust - 700. CAESALPINIACEAE
Gleditsia triacanthos f. inemis — thornless honeylocust — 700. CAESALPINIACEAE
Gloeocapsa nigrescens — 9. CHROCCOCCACEAE
Glococystis ampla - 103. PALMELLACEAE
Gloeocystis sp. -- 103. PAL TELLACEAE
Gloeophyllum berkeleyi — Berbeley polypore — 311. POLYPORACEAE
Gloeophyllum hirsutum -- hirsute polypore -- 311. POLYPORACEAE
Gloeophyllum trabeum - tiered polypore - 311. POLYPORACEAE
Gloeoporus conchoides — shell-like polypore — 311. POLYPORACEAE
Glyceria pallida — pale mannagrass — 918. POACEAE
Glyceria striata - fowl mannagrass - 918. POACEAE
Gnaphalium obtusifolium - sweet cudweed - 805. CARDUACEAE
Cnaphalium purpureum -- purplish cudweed -- 805. CARDUACEAE
Gomphonema sp. - 94. NAVICULACEAE
Goodyera pubescens - downy rattlesnake-plantain - 912. ORCHIDACEAE
Cratiola neglecta - clammy hedge-hyssop - 826. SCROPHULARIACEAE
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Grimmia apocarpa — common grimmia — 408. GRIMMIACEAE
Grossularia cynosbati — pasture gooseberry — 692. GROSSULARIACEAE
Guepinia spathularia — club-like guepinia — 304. DACRYONYCETACEAE
Gymnopilus flavidella — yellow flamnula — 312. AGAPICACEAE
Gymnopilus praecox — gingerbread gymnopilus — 312. AGARICACEAE
Gymnopilus sp. — 312. AGARICACEAE
Gymnopus dryophilus - woodland gymnopus - 312. AGARICACEAE
Gymnopus velutipes - velvet-stemmed collybia - 312. AGARICACEAE
Gypsophila elegans - showy babysbreath - 592. CARYOPHYLLACEAE
Gypsophila paniculata - common babysbreath - 592. CARYOPHYLLACEAE
Gyrosigma sp. - 94. NAVICULACEAE
Hackelia virginiana - Virginia stickseed - 818. BORAGINACEAE
Hamamelis virginiana — common witch-hazel — 706. HAMAMELIDACEAE
Hapalopilus gilvus - cinnamon polypore - 311. POLYPORACEAE
Hebeloma commune — common hebeloma — 312. AGARICACEAE
Hedeoma pulegioides - American pennyroyal - 840. LANTACEAE
Helianthus annuus - common sunflower - 805. CAPDUACEAE
Helianthus decapetalus - thinleaf sunflower -- 805. CARDUACEAE
Helianthus divaricatus -- woodland sunflower -- 805. CARDUACEAE
Helianthus hirsutus - stiff-haired sunflower - 805. CARDUACEAE
Helianthus laetiflorus — showy sunflower — 805. CARDUACEAE
Helianthus microcephalus - small wood sunflower - 805. CARDUACEAE
Melianthus strumosus - paleleaf sunflower - 805. CARDUACEAE
Helianthus subtuberosus - indian-potato - 805. CARDUACEAE
Helianthus tracheliifolius -- throatwort sunflower -- 805. CARDUACEAE
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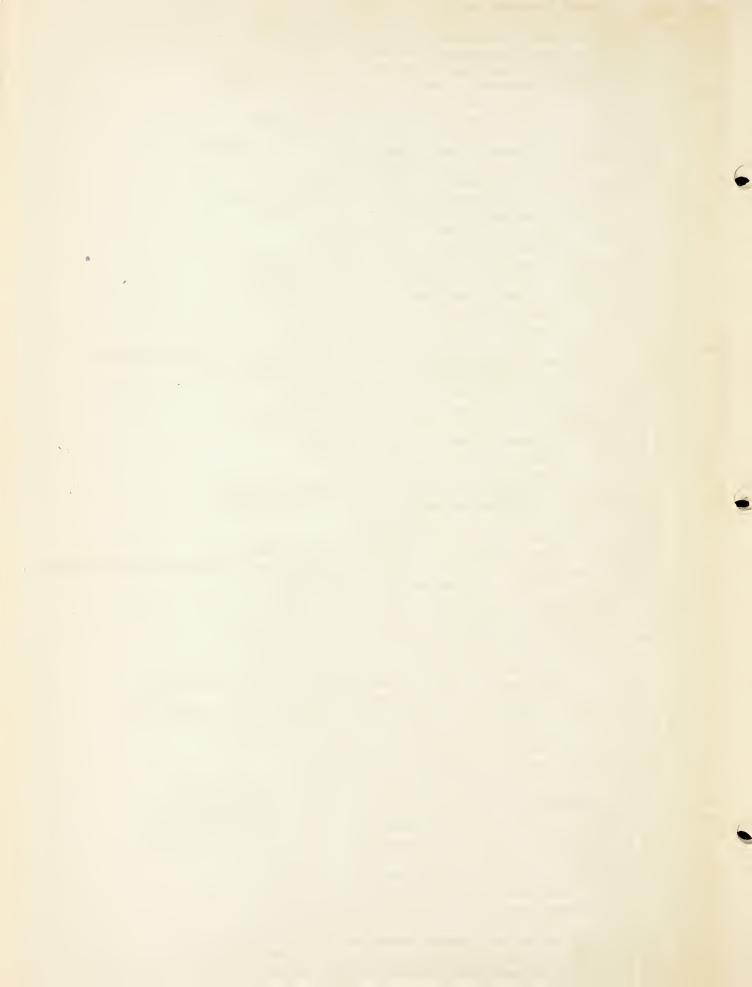
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Helianthus tuberosus -- jerusalem-artichoke -- 805. CARDUACEAE
Heliopsis helianthoides - smooth oxeye - 805. CARDUACEAE
Heliopsis scabra - rough oxeye - 805. CAPDUACEAE
Heliopsis scabra var. zinniaeflora — zinnia oxeye — 805. CARDUACEAE
Helleborus viridis - green hellebore - 549. RANUNCULACEAE
Hemerocallis flava -- lemon daylily -- 875. CONVALIARIACEAE
Her erocallis fulva - tawny daylily - 875. CONVALLARIACEAE
Hepatica acutiloba — sharplobe liverleaf — 549. RAMUNCULACEAE
Hepatica americana - roundlobe liverleaf - 549- RATUMCULACEAE
Hesperis matronalis — dames rocket — 575. BRASSICACEAE
Heuchera americana var. brevipetala — common alumroot — 584. SAXIFRAGACEAE
Hexagona alveolaris -- honeycomb polypore -- 311. POLYPORACEAE
Hibiscus moscheutos — common rosemallow — 683. MALVACEAE
Hibiscus syriacus — common rose-of-sharon — 683. MaLVACEAE
Hibiscus trionum — flower-of-an-hour — 683. MALVACEAE
Hieracium aurantiacum — orange hawkweed — 803. CICHOPIACEAE
Hieracium florentinum — king-devil hawkweed — 803. CICHOHIACEAE
Hieracium gronovii - Gronovium hawkweed - 803. CICHORIACEAE
Hieracium paniculatum — panicled hawkweed — 803. CICHORIACEAE
Hieracium scabrum — rough hawkweed — 803. CICHORIACEAE
Hieracium venosum — rattlesnake-weed — 803. CICHORIACEAE
Hippochaete praealta -- tall scouring-rush -- 485. EQUISETACHAE
Hordeum hexastichon -- six-rowed barley -- 918. POACEAE
Hordeum vulgare -- common barley -- 918. POACEAE
hosta caerulea — blue plantainlily — 875. CONVALLARIACEAE
Hosta lancifolia var. undulata -- wavyleaf plantainlily -- 875. CONVALLARIACEAE
Houstonia caerulea — common bluets — 797. RUBIACEAE
Houstonia longifolia -- longleaf bluets -- 797. RUBIACEAE
Humulus americanus — American hop — 726. CARMABINACEAE
Hydnum cordiforme -- heart hydnum -- 310. HYDNACEAE
Hydnum fragilissimum — fragile hydnum — 310. HYDNACEAE
Hydnum zonatum - zoned hydnum - 310. HYDNACEAE
Hydrangea arborescens — smooth hydrangea -- 693. HYDRANGEACEAE
Hydrangea arborescens f. grandiflora — hills-of-snow hydrangea — 693. HYDRANGEACEAE
Hydrangea macrophylla f. hortensia - greenhouse hydrangea - 693. HYDRANGEACEAE
Hydrangea paniculata var. grandiflora — peegee hydrangea — 693. HYDRANGEACEAE
<u> Hydrastis canadensis</u> — American goldenseal — 549. RANUN CULACEAE
Hydrocybe ceracea -- waxy hygrophorus -- 312. AGARICACEAE
Hydrocybe conica — conic hygrophorus — 312. AGAR ICACEAE
Hydrocybe miniata — scarlet hygrophorus — 312. AGARICACEAE
Hydrocybe nitida -- shiny hygrophorus -- 312. AGARICACEAE
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Hydrophyllum macrophyllum -- largeleaf waterleaf -- 816. HYDROPHYLIACEAE
Hydrophyllum virginianum — Virginia waterleaf — 816. HYDROPHYLLACEAE
Hygroamblystegium orthocladon — water-loving amblystegium — 454. AMBLYSTEGIACEAE
Hypericum mutilum — dwarf St. Johnswort — 673. HYP_RICACEAE
Mypericum perforatum -- common St. Johnswort -- 673. HYPURICACEAE
Hypericum prolificum — shrubby St. Johnswort — 673. HYPERICACEAE
Hypericum punctatum — spotted St. Johnswort — 673. HYPU ICACEAE
Hypholoma lateritium -- brick-red hypholoma -- 312. AGARICACEAE
Hypnum sp. -- 455. HYPNACEAE
Hypomyces aurantium - orange hypomycete - 261. HYPOCRE CEAE
Hypomyces chrysospermus — yellow hypomycete — 261. HYPOCREACEAE
Hypomyces hyalinus - hyaline hypomycete - 261. HYPOCREACEAE
Hypopitys lanuginosa — hairy pinesap — 781. UCNOTROPACEAE
Hypoxis hirsuta — northern stargrass — 904. HYPOXIDACEAE
Hystrix patula - common bottlebrush-grass -- 918. POACEAE
Impatiens balsamina — garden balsam — 615. BALSANINACEAE Impatiens biflora — spotted snapweed — 615. BALSANINACEAE
Impatiens biflora var. albiflora — pink snapweed — 615. BAISA. INACEAE
Impatiens pallida - pale snapweed - 615. BAISALT ACEAE
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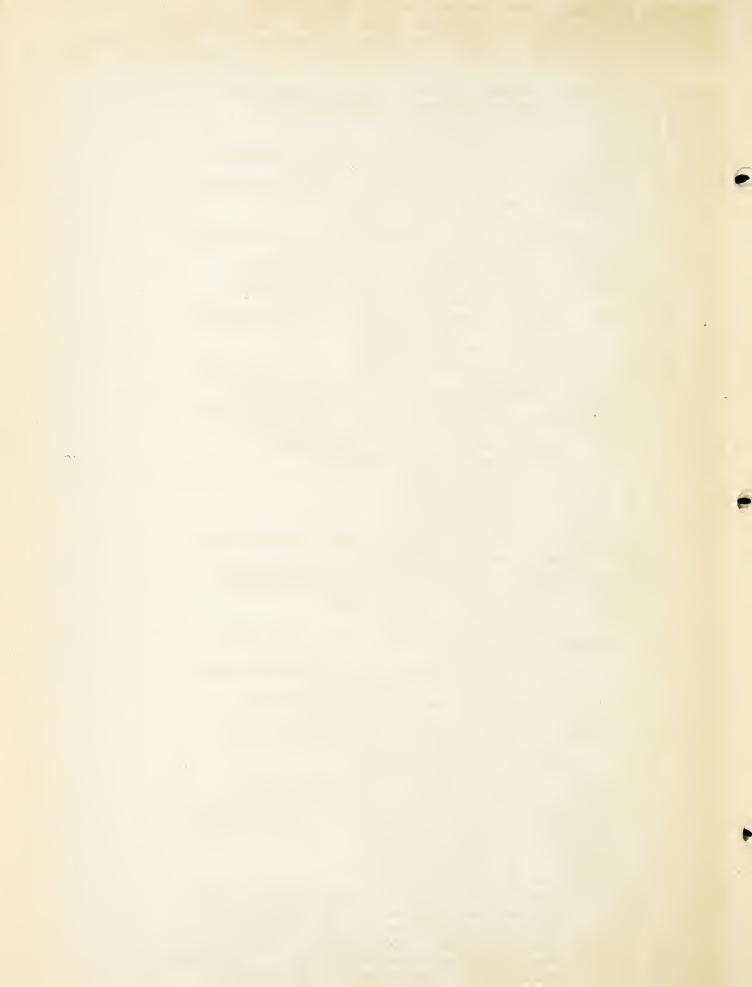
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Impatiens pallida var. alba — white snapweed — 615. BALSAMINACEAE
Inula helenium - elecampane - 805. CANDUACEAE
Ionotus dryadeus — dryad polypore — 311. POLYPCRACEAE
Ionoxalis violacea — smooth violet wood-sorrel — 613. OXALIDACEAE
Ipomoea batatas -- sweet-potato -- 822. CONVOLVULACEAE
Ipomoea pandurata — hairy wild-potato-vine — 822, CONVOLVULACEAE
Inomoea tricolor — tricolor morning-glory — 822. CONVOLVULACEAE
Iresine herbstii — common bloodleaf — 607. A ARANTHACEAE
<u> Iris germanica — German iris — 892. IRIDACEAE</u>
<mark>Iris virginica var. shrevei — Virginia iris — 892. IRIDACEAE</mark>
Irpiciporus lacteus — milky polypore — 311. POLYPORACEAE
<mark>Isnardia palustris var. americana — American marsh-purslane — 621.</mark> OENOTHERACEAE
Ithyphallus impudicus — common stinkhorn — 324. PHALLACEAE
Juglans cinerea — butternut — 769. JUGIANDACEAE
Juglans nigra — black walnut — 769. JUGLANDACEAE
Juncus canadensis — Canada rosh — 913. JUNCACEAE
Juncus effusus var. solutus — common rush — 913. JUNCACEAE
Juncus macer — slender rush — 913. JUNCACEAE
Juniperus communis var. hibernica — Irish juniper — 530. CUPRESSACEAE
Juniperus communis var. saxatilis — mountain juriper — 530. CUPRESSACEAE
Kalmia latifolia — mountain-laurel — 778. ERICACEAE
<mark>Kerria japo</mark>nica var. pleniflora — double Japanese—rose — 695. ROSACEAE
Kneiffia perennis — small sundrops — 621. OENOTHERACEAE
Kochia scoparia var. trichophila — common summer-cypress — 605. CHEMOPODIACEAE
Kuelreuteria paniculata — common goldenrain-tree — 757. SAPINDACEAE
Kolkwitzia amabilis — beautybush — 798. CAPRIFOLIACEAE
Kuehneola uredinis — blackberry rust — 294. PUCCIVIACEAE
Kunkelia nitens — dewberry rust — 294. PUCCINTACEAE
Laccaria laccata - laquered clitocybe - 312. AGARICACEAE
Lactaria camphorata — camphory milky-cap — 312. AGARICACEAE
Lactaria deliciosa -- delicious milky-cap -- 312. AGARICA CEAE
Lactaria lactiflua — flowing milky-cap — 312. AGARICACEAE
Lactaria subdulcis — sweetish milky-cap — 312. AGARICACEAE
Lactaria volema - golden-tawny milky-cap -- 312. AGARICACEAE
Lactuca biennis - tall blue lettuce - 803. CICHORIACEAE
<u>Lactuca biennis f. integrifolia -- unlobed blue lettuce -- 803. CICHORIACEAE</u>
Lactuca canadensis — common wild lettuce — 803. CICHORIACEAE
<mark>Lactuca c</mark>anadensis var. integrifolia — arrowleaf wild lettuce — 803. CICH RIACEAE
actuca canadensis var. latifolia — broadleaf wild lettuce — 803. CICHORIACEAE
Lactuca canadensis var. obovata — obovateleaf wild lettuce — 803. CICHORIACEAE
Lactuca floridana - Florida lettuce - 803. CICHORIACEAE
Lactuca saligna - willow lettuce - 803. CICHORIACEAE
<u>Lactuca sativa — garden lettuce — 803. CICHORIACEAE</u>
Lactuca scariola -- common prickly lettuce - 803. CICHORIACEAE
<u>Lactuca scariola</u> var. integrata — unlobed prickly lettuce — 803. CICHORIACEAE
Lactuca villosa — hairy-veined blue lettuce — 803. CICHORIACEAE
<u> aetiporus sulphureus — orange polypore — 311. POLYPORACEAE</u>
Lagenaria leucantha — calabash gourd — 651. CUCUMBITACEAE
Lamium amplexicaule - henbit deadnettle - 840. LAMIACEAE
Lamium purpureum - purple deadnettle -- 840. LAN IACEAE
Lantana camara var. flava — yellow garden lantana — 839. VERBENACEAE
Lantana camara var. hybrida — common garden lantana — 839. VERBENACEAE
Laportea canadensis — Canada wood-nettle — 725. URTICACEAE
Lathyrus latifolius - perennial pea - 703. FABACEAE
Lathyrus odoratus - sweet pea - 703. FABACEAE
Lecanora hageni — Hagen lecanora — 380. LECANORACEAE
Lecanora symmicta — bark lecanora — 380. LECANORACEAE
Lecanora sp. - 380. LECANORACEAE
Lecidea parasema - common lecidea -- 374. LECIDEACEAE
Leersia oryzoides — rice cutgrass — 918. POACEAE
Leersia virginica -- whitegrass -- 918. POACEAE
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Lemna minor - lesser duckweed - 887. LH MACEAE
 Lentinus strigosus -- strigose lentinus -- 312. AGARICACEAE
Lenzites betulina — birch bench-fungus — 311. POLYPORACEAE
Leonurus cardiaca — common motherwort — 840. LA ACEAE
Leonurus marrubiastrum — hoarhound motherwort — 840. LAMIACEAE
Lepadena marginata — snow-on-the-mountain — 687. EUPHORBIACEAE
<u>Lepidium campestre — field cress — 575. BRASSICACEAE</u>
Lepidium virginicum — wild peppergrass — 575. BRASSICACEAE
<u> Lepiota americana — American lepiota — 312. AGARICACEAE</u>
<mark>Lepiota fuscosquamea --- brown-flecked lepiota --- 312. AGARICACEAE</mark>
<u>Lepiota procera — tall lepiota — 312. AGARICACEAE</u>
Leptilon canadense — tall horseweed — 805. CARDUACEAE
Leptogium lichenoides -- brown cushion-lichen -- 369. COLLE ACEAE
Lespedeza capitata — roundhead bushclover — 303. FABACEAE
Lespedeza cuneata — silky bushclover — 703. FABACEAE
Lespedeza hirta — hairy bushclover — 703. FABACEAE
Lespedeza intermedia — wandlike bushclover — 703. FABACEAE
Lespedeza procumbens -- trailing bushclover - 703. FABACEAE
espedeza stipulacea - Korean bushclover - 703. FABACEAE
Lespedeza striata — Japan bushclover — 703. FABACEAE
Lespedeza violacea — common bushclover — 703. FABACEAE
Leucanthemum maximum — Shasta daisy — 805. CARDUACEAE
Leucanthemum vulgare var. pinnatifidum — cutleaf oxeye daisy — 805. CARDUACEAE
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<u> Diatris spicata — spike gayfeather — 805. CARDUACEAE</u>
<u> Ligustrum obtusifolium</u> — ibota privet — 794. OLEACEAE
<u>Ligustrum ovalifolium — California privet — 794. OLEACEAE</u>
<u>Ligustrum sinense</u> — Chinese privet — 794. OIEACEAE
Ligustrum vulgare - European privet - 794. OLEACEAE
Lilium candidum - Madonna lily - 874. LILIACEAE
Lilium longiflorum var. eximium — Easter lily — 874. LILIACEAE
Lilium michiganense - Michigan turkscap lily - 874. LILIACEAE
Lilium regale - royal lily - 874. LILIACEAE
<u>Lilium tigrinum</u> — tiger lily — 874. LILIACEAE
<u> Linaria vulgaris — common toadflax — 826. SCROPHULARIACEAE</u>
Lindernia dubia var. major — short-stalked false-pimpernel — 826. SCROPHULARIACEAE
Liparis liliifolia - lily twayblade - 912. ORCHIDACEAE
Liquidambar styraciflua -- sweet-gum -- 707. ALTINGIACEAE
<u> Liriodendron tulipifera — common tuliptree — 534. MAGNOLIACEAE</u>
Lithospermum arvense — corn gromwell — 818. BORAGINACEAE
Lobelia cardinalis — red cardinal-flower — 812. LOBELIACEAE
Lobelia inflata — blue indian-tobacco — 812. LOBELIACEAE
Lobelia inflata f. albiflora — white indian-tobacco — 812. LOBELIACEAE
Lobelia siphilitica — great blue lobelia — 812. LOBELIACEAE
Lobelia siphilitica f. albiflora — great white lobelia — 812. LOBELIACEAE
Lobelia spicata - pale spiked lobelia -- 812. LOBELIACEAE
Lobularia maritima — common sweet—alyssum — 575. BRASSICACEAE
Lolium multiflorum -- Italian ryegrass -- 918. POACEAE
Lolium perenne - perennial ryegrass - 918. POACEAE
<u> Lonicera fragrantissima — winter honeysuckle — 798. CAPRIFOLIACEAE</u>
Lonicera morrowii - Morrow bush-honeysuckle - 798. CAPRIFOLIACEAE
Lophocolea bidentata — two-toothed lophocolea — 391. JUNGIRMANNIACEAE
Lophocolea heterophylla - variable lophocolea - 391. JUNGER MANUIACEAE
Lotus corniculatus — birdsfoot-trefoil — 703. FABACEAE
Ludvigia alternifolia -- common seedbox -- 621. OENOTHERACEAE
Luzula multiflora - common American wood-rush - 913. JU CAUEAE
Lychnis alba — evening campion — 592. CARYOPHYLLACEAE
Lychnis coronaria - rose campion - 592. CARYOPHYLLACEAE
Lycium halimifolium — compon matrimony-vine — 821. SOLAMACEAE
Lycoperdon gemmatum — gemmed puffball -- 321. LYCOPERDACEAE
Lycoperdon marginatum - margined puffball - 321. LYCOPERDACEAE
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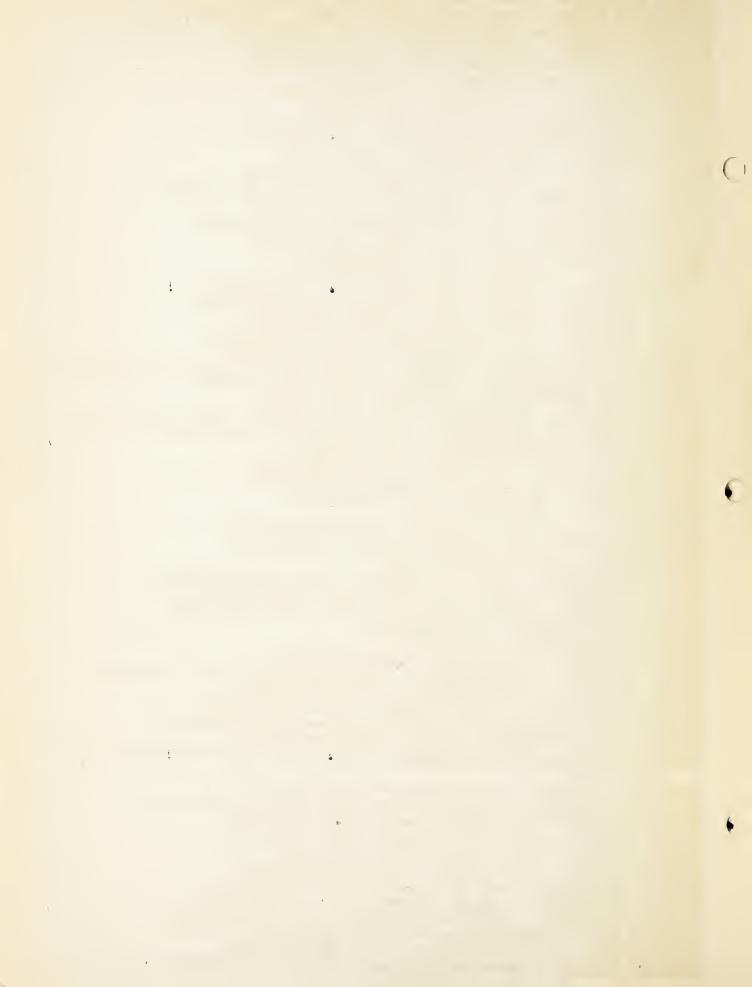
Lycoperdon pyriforme - pear puffball - 321. LYCOPERDACEAE Lycopersicum esculentum var. commune — common tomato — 821. SOLANACEAE Lycopodium flabelliforme - southern trailing christmas-green - 488. LYCOPODIACEAE Lycopodium flabelliforme f. clutei - leafy-spiked trailing cjristmas-green - 488. LYCOPODIACEAE Lycopodium lucidulum — shining clubmoss — 488. LYCOPODIACEAE Lycopus americanus — American bugleweed — 840. LAMIACEAE Lycopus rubellus — stalked bugleweed — 840. LAI IACEAE Lyngbya aestuarii — 11. OSCILLATORIACEAE Lysias orbiculata - large roundleaf orchis - 912. CRCHIDACEAE Lysimachia nummularia — moneywort — 808. PRIMULACEAE <u>Lysimachia quadrifolia — whorled loosestrife — 808. PRIMULACEAE</u> Lysimachia terrestris — swamp-candle — 808. PRIMULACEAE aclura pomifera — osage-orange — 723. MORACEAE acrosporium sarciniforme — clover shot-fungus — 331. DE ATIACEAE Tagnolia acuminata - cucumber-tree -- 534. MAGNOLIACEAE Lagnolia soulangeana — saucer magnolia — 534. L'AGNOLIACEAE ahonia aquifolium -- Oregon hollygrape -- 554. BERBE IDACEAE Malus coronaria -- wild sweet crabapple -- 696. MALACEAE alus floribunda -- Japanese flowering crabapple -- 696. MALACEAE Malus pumila — common apple — 696. MAIACEAE Malva moschata — musk mallow — 683. MALVACEAE Malva neglecta — low mallow — 683. MALVACEAE <u>Malya sylvestris var. mauretiana — high mallow — 683. MALYACEAE</u> Marasmius archyropus -- velvety marasmius -- 312. AGARICACEAE Tarasmius caryophylleus — fairy-ring mushroom — 312. AGARICACEAE Marasmius glabellus — smooth marasmius — 312. AGARICACEAE Marasmius rotula — parasol marasmius — 312. AGARICACEAE Marasmius siccus — dry marasmius — 312. AGARICACEAE Marasmius sp. (brown) -- 312. AGARICACEAE Marasmius sp. (gray) — 312. AGARICACEAE Marasmius sp. (orange) — 312. AGARICACEAE Marasmius sp. (white) - 312. AGARICACEAE <del>Marchantia</del> polymorpha — common marchantia — 388. MARCHANTIACEAE Maruta cotula - dogfennel - 805. CARDUACEAE <u> Matricaria matricarioides — rayless camomile — 805. CARDUACEAE</u> edeola virginiana — indian cucumber-root — 878. TRILLIACEAE Medicago lupulina — black medick — 703. FABACEAE Medicago sativa — alfalfa — 703. FABACEAE <u> Pelanoleuca melaleuca — common melanoleuca — 312. AGARICACEAE</u> Melanoleuca sp. - 312. AGARICACEAE Melanthium virginicum — Virginia bunchflower — 872. MELA THIACEAE elilotus alba — white sweetclover — 703. FABACEAE Melilotus officinalis — yellow sweetclover — 703. FABACEAE <u> Melissa officinalis — common balm — 840. LAMIACEAE</u> Menispermum canadense - cormon moonseed - 559. MENISPERMACEAE <u>Mentha piperita</u> — peppermint — 840. LANIACEAE Mentha spicata — spearmint — 840. LAI TACEAE Mertensia virginica — Virginia bluebell — 818. BORAGINACEAE Merulius tremellosus — common merulius — 311. POLYPORACEAE Mesadenia atriplicifolia — pale indian-plantain — 805. CARDUACEAE Microcoleus lacustris — 11. OSCILLATORIACEAE Microcoleus paludosus — 11. OSCILLATORIACEAE Microcoleus vaginatus — 11. OSCILLATORIACEAE Mimulus alatus - sharp-wing monkeyflower - 826. SCROPHULARIACEAE Mimulus ringens - square-stem monkeyflower - 826. SCROPHULARIACEAE Mirabilis jalapa -- common four-o'clock -- 629. NYCTAGINACEAE Miscanthus sinensis var. gracillimus — maiden-grass — 918. POACEAE Miscanthus sinensis var. variegatus — striped eulalia — 918. POACEAE Miscanthus sinensis var. zebrinus — zebra-grass — 918. POACEAE



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Mitchella repens -- American partridgeberry - 797. RUBILCEAE
 itella diphylla — two-leaf bishopscap — 584. SAMIFRAG.CEAE
Inium affine - clustered toothed mnium - 420. INIACEAE
 nium cuspidatum — woodsy mnium — 420. HIACEAE
Mnium punctatum — early mnium — 420. INIACEAE
follugo verticillata — carpetweed — 593. MOLLUGI ACEAE
 <mark>Onarda clinopodia —</mark> basal balm — 840. LAMIACEAE
onarda didyma -- Osvego beebalm -- 840. LANTACEAE
 <mark>onarda fistulosa — c</mark>ommon wild-bergamot — 840. LAMIACEAE
 onarda fistulosa var. media — purple wild-bergamot — 840. LAN TACEAE
Monotropa uniflora — common indian-pipe — 781. MONOTROPACEAL
 orus alba f. nigrobacca - black-fruited white mulberry -- 723. MORACEAE
 orus alba f. pendula — weeping mulberry — 723. MORACEAE
Torus rubra — red mulberry — 723. MORACEAE
Sougeotia sp. -- 147. ZYGNET ATACEAE
Muhlenbergia mexicana — wirestem muhly — 918. POACEAE
Muhlcrbergia schreberi -- nimblewill -- 918. POACEAE
uscari botryoides -- common grave-hyacinth -- 874. LILIACEAE
Marcissus poeticus — poets narcissus — 890. AT RYLLIDACEAE
Varcissus pseudo-narcissus - trumpet daffodil - 890. AVARYLLIDACEAE
<u>Marcissus pseudo-narcissus var. pleniflorus — double daffodil — 890. A ARYLLIDACEAE</u>
Masturtium officinale — watercress — 575. BRASSICACEAE
Maucoria semiorbicularis — nut-shell naucoria — 312. AGARICACEAE
Navicula sp. - 94. NAVICULACEAE
Negundo aceroides — common boxelder — 761. ACERACEAE
Nelumbium nelumbo -- East Indian lotus -- 553. NELUMB NACEAE
Memexia ecirrhata - upright carrion-flower -- 881. SI ILACACEAE
Nemexia herbacea -- smooth carrion-flower -- 881. S ILACACEAE
Nepeta cataria -- common catnip -- 840. IAITACEAE
<u>le phrolepis exaltata var. bostoniensis — common Boston fern — 473. POLYPODIACEAE</u>
Nerium oleander — common oleander — 795. APOCYNACEAE
Netrium digitus — 145. NESOTAENIACEAE
Nicandra physalodes - apple-of-peru - 821. SOLANACEAE
Nicotiana sanderae — Sander tobacco — 821. SOLANACEAE
Nigredo fallens — clover rust — 294. PUCCINIACEAE
Nintooa japonica -- common Japanese honeysuckle -- 798. CAPRIFOLIACEAE
Norta altissima — tumble-mustard — 575. BRASSICACEAE
Nostoc commune - 14. NOSTOCACEAE
Nostoc muscorum - 14. NOSTOCACEAE
Nothoholcus lanatus — velvetgrass — 918. POACEAE
Nuphar advena — yellow spatterdock — 552. NYMPHAEACEAE
Nymphaea tuberosa — magnolia waterlily — 552. NYNPHALACEAE
Myssa sylvatica — black gum — 773. MYSSACEAE
Myssa sylvatica var. caroliniana — yellow gum — 773. MYSSACEAE
Obolaria virginica - pennywort - 806. GENTIANACEAE
Oedogonium sp. — 124. OEDOGONIACEAE
Oenothera pycnocarpa — leafy evening-primrose — 621. OMNOTHERACEAE
Onoclea sensibilis -- sensitive-fern -- 473. POLYPODIACEAE
Ornithogalum umbellatum -- common star-of-bethlehem -- 874. LILIACEAE
Oscillatoria brevis — 11. OSCILLAT RIACEAE
Oscillatoria limosa — 11. OSCILLATORIACEAE
Oscillatoria princeps — 11. OSCILLATORIACEAE
Oscillatoria tenuis — 11. OSCILLATORIACEAE
Osmorhiza claytoni - woolly sweet-cicely - 775. AMMIACEAE
Osmorhiza longistylis - smooth sweet-cicely - 775. AMMIACEAE
Osmunda cinnamomea -- cinnamon-fern -- 478. OSFUNDACEAE
Osmunda claytoniana — interrupted-ferm — 478. OSMUNDACEAE
Osmundopteris virginiana — rattlesnake-fern — 470. OPHIOGLOSSACEAE
Ostrya virginiana — American hop-hornbeam — 718. CORYLACEAE
Padus nana — common chokecherry — 697. AHYGDA LACEAE
Padus virginiana - black cherry - 697. ANYGDALACEAE
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Paeonia albiflora - Chinese peony - 549. RANUNCULACEAE
Pallavicinia lyellii -- common pallavicinia -- 39lb. METZGERIACEAE
Panaeolus retirugis — wrinkled paneolus -- 312. AGARICACEAE
Panax quinquefolium - American ginseng - 774. ARALIACEAE
Panellus stypticus — astringent panus — 312. AGARICACEAE
Panicum boscii -- Bosc panicgrass -- 918. POACEAE
Panicum capillare — common witchgrass — 918. POACEAE
Panicum clandestinum -- corn-grass -- 918. POACEAE
Panicum dichotomiflorum -- fall panicgrass -- 918. POACEAE
Panicum dichotomum -- forked panicgrass -- 918. POACEAE
Panicum huachucae -- hairy panicgrass -- 918. POACEAE
Panicum latifolium -- broadleaf panicgrass -- 918. POACEAE
Panicum linearifolium -- low white-haired panic rass -- 918. POACEAE
Panicum meridionale — matting panicgrass -- 918. POACEAE
Panicum sphaerocarpon -- round-fruited panicgrass -- 918. POACEAE
Panicum tuckermani — Tuckerman panicgrass — 918. POACEAE
Papaver orientale -- Oriental poppy -- 568. PAPAVERACEAE
Papaver rhoeas -- corn poppy -- 568. PAPAVERACEAE
Pormelia aurulenta — lumpy linden-lichen — 381. PARMELIACEAE
Parmelia caperata -- wrinkled shield-lichen -- 381. PARMELIACEAE
Parmelia conspersa — boulder-lichen — 381. PARMELIACEAE
Parmelia olivacea -- bronze shield-lichen -- 381. PARMELIACEAE
Parmelia rudecta -- rough shield-lichen -- 381. PARMELIACEAE
Parthenocissus quinquefolia f. hirsuta -- hairy virginia-creeper -- 750. VITACEAE
Parthenocissus tricuspidata -- common Boston ivy -- 750. VITACEAE
Paspalum pubescens -- pubescent paspalum -- 918. POACEAE
Passiflora lutea var. glabriflora — yellow passionflower — 649. PASSIFLORACEAE
Pastinaca sativa var. sylvestris -- wild parsnip -- 775. AMMIACEAE
Paxinia hispida -- hispid paxinia -- 247. PEZIZACEAE
Pelargonium hortorum — fish geranium — 611. GERANIACEAE
Pellia epiphylla -- common pellia -- 391b. IL.TZGERIACEAE
Peltigera canina -- dog-lichen -- 373. PELTIGERACEAE
Penicillium sp. -- 231. ASPERGILLACEAE
Peniophora cinerea -- gray peniophora -- 307. THELEPHORACEAE
Peniophora nuda -- common peniophora -- 307. THELEPHORACEAE
Penium margaritaceum — 146. DESMIDIACEAE
Penstemon digitalis -- foxglove beardtongue -- 826. SCROPHULARIACEAE
Penstemon hirsutus— eastern beardtongue — 826. SCROPHULARIACEAE
Penthorum sedoides - American ditch-stonecrop - 582. PENTHORACEAE
Perichaena chrysosperma -- 34. ARCYRIACEAE
Perichaena depressa -- 34. ARCYRIACEAE
Perilla frutescens -- green perilla -- 840. LANTACEAE
Perilla frutescens var. nankinensis — purpleleaf perilla — 840. IAMIACEAE
Persicaria careyi — Carey ladysthumb — 598. POLYGONACEAE
Persicaria hydropiper - common smartweed - 598. POLYGONACEAE
Persicaria hydropiperoides - mild water-pepper - 598. POLYGONACEAE
Persicaria mitis - common ladysthumb - 598. POLYGONACEAE
Persicaria pensylvanica var. laevigata -- smooth Pennsylvania ladysthumb -- 598.
     POLYGONACEAE
Petroselinum crispum -- common parsley -- 775. ANTIACEAE
Petroselinum crispum var. crispum -- crisped parsley -- 775. ANI TACEAE
Petunia axillaris - large white petunia -- 821. SOLAMACEAE
Petunia hybrida -- common garden petunia -- 821. SOLANACEAE
<u>Petunia violacea — violet petunia — 821. SOLANACEAE</u>
Phacelia purshii — Pursh phacelia — 816. HYDROPHYLLACEAE
Phalaris arundinacea -- reed canary-grass -- 918. POACEAE
Phalaris arundinacea var. picta — ribbon-grass -- 918. POACEAE
Pharbitis hederacea -- ivyleaf morning-glory -- 822. CONVOLVULACEAE
Pharbitis leari - blue-dawnflower -- 822. CONVOLVULACEAE
Pharbitis nil -- showy morning-glory -- 822. CONVOLVULACEAE
Pharbitis purpurea — common morning-glory — 822. CONVOLVULACEAE
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Phaseolus limensis -- common lima bean -- 703. FABACEAE
Phaseolus limensis var. limenanus — dwarf lima bean — 703. FABACEAE
Phaseolus vulgaris -- kidney bean -- 703. FABACEAE
Phaseolus vulgaris var. humilis -- bush bean - 703. FABACEAE
Phegopteris hexagonoptera -- broad beechfern -- 473. POLYPODIACEAE
Philadelphus coronarius --- sweet mockorange -- 693. HYDRANGEACEAE
Phleum pratense — common timothy — 918. POACEAE
Phlox divaricata var. canadensis -- Canada blue phlox -- 815. POLE ONIACEAE
Phlox drummondii - Drummond phlox - 815. POLETONIACEAE
Phlox paniculata -- garden phlox -- 815. POLIFICE LACEAE
Phlox subulata -- moss phlox -- 815. POLEMONIACEAE
Pholiota squarrosa -- scaly pholiota -- 312. AGERICACEAE
Phormidium autumnale -- 11. OSCILLATORIACEAE
Phormidium inundatum -- 11. OSCILLATORIACEAE
Phormidium uncinatum — 11. OSCILLATORIACEAE
<u>Phragmidium potentillae -- potentilla rust -- 294. PUCCINIACEAE</u>
Phryma leptostachya — common lopseed — 835. PHRYMACEAE
Phyla lanceolata -- lanceleaf fogfruit -- 839. VERBENACEAE
<u>Pnysalis ambigua -- purple-stamen groundcherry -- 821. SOLANACEAE</u>
Pnysalis heterophylla -- clamny groundcherry -- 821. SOLANACEAE
Physalis pruinosa -- tall hairy groundcherry - 821. SOLANACEAE
Physalis subglabrata — smooth groundcherry — 821. SOLANACEAE
Physarum pusillum — common physarum — 31. PHYSARACEAE
Payscia endochrysea — orange-pith lichen — 386. PHYSCIACEAE
Physcia obscura — obscure physcia — 386. PHYSCIACEAE
Physcia tribacia — lace-tipped lichen — 386. PHYSCIACEAE
Physcomitrium turbinatum -- top-moss -- 413. FUNARIACEAE
Phytolacca americana -- common pokeberry -- 602. PHYTOLACCACEAE
Picea abies -- common Norway spruce -- 528. PINACEAE
Picea pungens var. coerulea -- blue Colorado spruce -- 528. PINACEAE
Pilea pumila -- clearweed -- 725. URTICACEAE
Pinus echinata — shortleaf pine — 528. PINACEAE
Pinus nigra -- Austrian pine -- 528. PINACEAE
Pinus resinosa -- red pine -- 528. PINACEAE
Pinus rigida -- pitch pine -- 528. PINACEAE
Pinus strobus -- cormon white pine -- 528. PINACEAE
Pinus sylvestris — common Scotch pine — 528. PINACEAE
<u>Pinus virginiana</u> — scrub pine — 528. PINACEAE
<u>Pisum sativum -- garden pea -- 703. FABACEAE</u>
Plagiothecium geophilum -- earth-loving plagiothecium -- 456. PLAGIOTHECIACEAE
Plantago aristata - large-bracted plantain - 810. PLANTAGINACEAE
<u> Plantago eriopoda -- saline plantain -- 810. PLANTAGIMACEAE</u>
Plantago lanceolata — English plantain — 810. PLANTAGINACEAE
Plantago major — common plantain — 810. PLANTAGINACEAE
<u> Plantago rugelii — smooth Rugel plantain — 810. PLANTAGINACEAE</u>
Plantago rugelii f. fasciculata -- fascicled Rugel plantain -- 810. PLANTAGINACEAE
<u>Plantago rugelii</u> var. <u>asperula</u> — hairy Rugel plantain — 810. PLANTAGINACEAE
Plantago virginica -- dwarf plantain -- 810. PLANTAGINACEAE
Platanus occidentalis -- American planetree -- 711. PLATANACEAE
Platygyrium repens -- creeping platygyrium -- 461. ENTODONTACEAE
Prectania coccinea -- scarlet plectania -- 247. PEZIZACEAE
Prectania occidentalis — western plectania — 247. PEZIZACEAE
Plectonema nostocorum — 11. OSCILLATORIACEAE
Preuropus abortivus -- abortive clitopilus -- 312. AGARICACEAE
Plowrightia morbosa — black-rot fungus — 262. DOTHIDEACEAE
Pluteus cervinus -- farm-colored pluteus -- 312. AGARIC! CEAE
<u>Poa annua — annual speargrass — 918. POACEAE</u>
Poa autumnalis — flexuous speargrass — 918. POACEAE
<u> Poa compressa — Canada bluegrass — 918. POACEAE</u>
<u> Poa cuspidata — shortleaf speargrass — 918. POACEAE</u>
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Poa palustris - fowl bluegrass - 918. POACEAE



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Poa pratensis -- Kentucky bluegrass -- 918. POACEAE
Poa sylvestris -- sylvan speargrass -- 918. POACEAE
Poa trivialis -- rough bluegrass -- 918. POACEAE
Podophyllum peltatum — common mayapple — 555. PODOPHYLLACHAE
Pogonatum pensilvanicum — Pennsylvania pogonatum — 467. POLYTRICHACEAE
Pohlia wahlenbergii - whitish pohlia - 418. BRYACEAE
Pohlia sp. -- 418. BRYACEAE
Polemonium reptans -- creeping greek-valerian -- 815. POLEMONIACEAE
Polemonium reptans var, villosum - hairy greek-valerian - 815. POLETCHIACEAE
<u> Polyplastia nigrata — black polyblastia — 336, WHE UCARIACEAE.</u>
Polygala' sanguinea -- purple milkwort -- 580. POLYGALACEAE
Polygala sanguinea f. viridescens — green milkwort — 580. POLYGALACEAE
Polygala verticillata var. sphenostachya -- tall whorled milkwort -- 580. POLYGALA-
     CEAE
Polygonatum biflorum -- smooth solomonseal -- 875. CONVALLARIACEAE
Polygonatum pubescens — hairy solomonseal — 875. CONVALLARIACEAE
Polygonum aviculare -- doorweed -- 598. POLYGOMACEAE
Polygonum erectum -- erect knotweed -- 598. POLYGONACEAE
Polymnia canadensis - small white-flower leafcup - 805. CARDUACEAE
Polyozellus multiplex — common polyozellus — 312. AGARICACEAE
Polypodium virginianum — rock polypody — 473. POLYPODIACEAE
Polyporus arcularius — brown stalked polypore — 311. POLYPORACEAE
Polyporus brumalis — common stalked polypore — 311. POLYPORACEAE
Polyporus fagicola -- beech stalked polypore -- 311. POLYPORACEAE
Polyporus fissus -- woodland stalked polypore -- 311. POLYPORACEAE
Polystichum acrostichoides — common christmas-fern — 473. POLYPODIACEAE
Polythrincium trifolii -- black clover-fungus -- 331. DENATIACEAE
Polytrichum commune -- common haircap-moss -- 467. POLYTRICHACEAE
Polytrichum juniperinum — juniper haircap-moss — 467. POLYTRICHACEAE
Populus alba -- white poplar -- 712. SALICACEAE
Populus deltoides -- southern cottonwood -- 712. SALICACEAE
Populus grandidentata -- largetooth aspen -- 712. SALICACEAE
Populus nigra var. <u>italica</u> -- Lombardy poplar -- 712. SALICACEAE
Populus simonii f. fastigiata — narrow Simon poplar — 712. SALICACEAE
Populus tremuloides — American aspen — 712. SALICACEAE
Porella platyphylloidea -- common porella -- 391a. PORELLACEAE
Poria sp. — 311. POLYPORACEAE
Poronidulus conchifer -- shell fungus -- 311. POLYPORACEAE
Portulaca grandiflora — common rose-moss — 597. PORTULACACEAE
Portulaca oleracea — common purslane — 597. PORTULACACEAE
Potentilla monspeliensis — rough cinquefoil — 695. ROSACEAE
Potentilla recta — rough-fruited cinquefoil — 695. ROSACEAE
Potentilla simplex — common cinquefoil — 695. ROSACEAE
Prenanthes alba — common rattlesnake-root — 803. CICHORIACEAE
Prenanthes altissima -- tall rattlesnake-root -- 803. CICHORIACEAE
Prenanthes crepidinea — corymbed rattlesnake-root — 803. CICHORIACEAE
Protococcus viridis — 105. CHLOROCOCCACEAE
Protosiphon botryoides — 113. PROTOSIPHONACEAE
Prunella vulgaris var. lanceolata -- American selfheal -- 840. LAN IACEAE
Prunella vulgaris var. lanceolata f. candida — white selfheal — 840. LANIACEAE
Prunulus delectabilis — white prunulus — 312. AGARICACEAE
Prunulus galericulatus — shiny-stem mycena — 312. AGARICACEAE
Prunulus leaianus — Lea prunulus — 312. AGARICACEAE
Prunulus sp. — 312. AGARICACEAE
Prunus americana — American plum — 697. ANYGDALACEAE
Prunus armeniaca — common apricot — 697. AMYGDAIACEAE
Prunus avium -- black sweet cherry -- 697. AMYGDALACEAE
Prunus avium var. arctiana - wild sweet cherry - 697. ANYGDALACEAE
Prunus avium var. duracina -- hard-fleshed cherry -- 697. AMYGDALACEAE
Prunus cerasifera — 'yrobalan plum — 697. AMYGDAIACEAE
Frunus cerasus — sour cherry — 697. AMYGDALACEAE
Prunus domestica - garden plum - 697. Al YGDALACEAE
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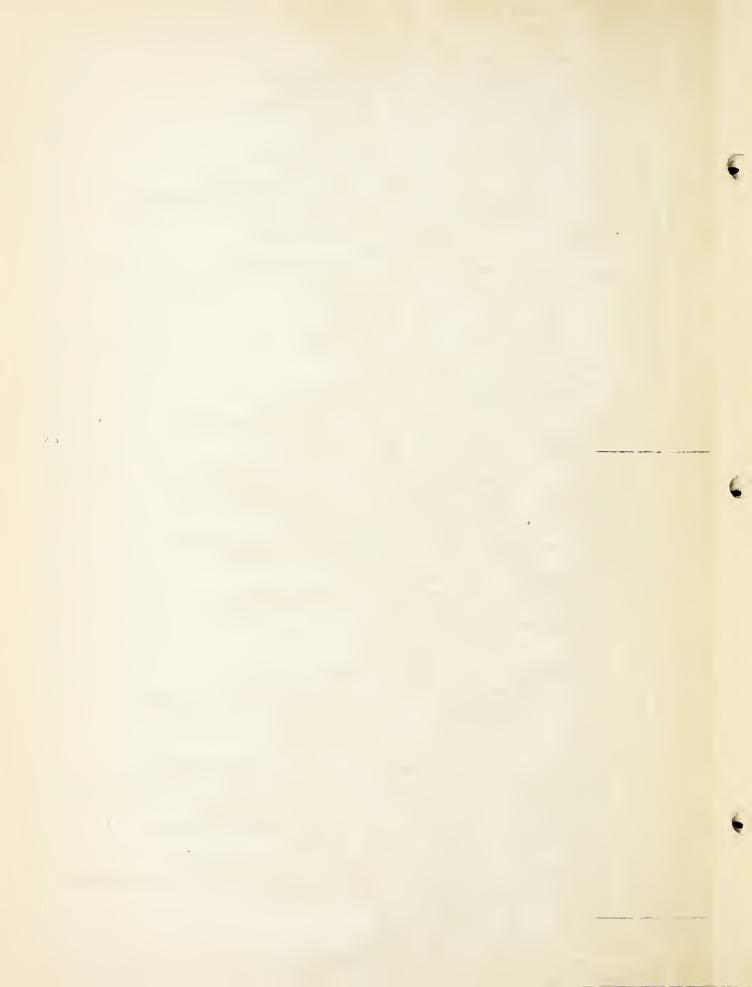


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Prunus subhirtella var. pendula — weeping Japanese cherry — 697. AMYGDALACEAE
Psalliota campestris — field mushroom — 312. AGARICACEAE
Psalliota silvicola -- sylvan mushroom -- 312. AGARICACEAE
Pseudopeziza medicaginis - alfalfa leaf-spot -- 250. NOLLISIACEAE
Psilocybe foenisecii -- mowers mushroom - 312. AGARICACEAE
Pteridium latiusculum — American bracken — 473. POLYPODIACEAE
Puccinia grossulariae -- gooseberry rust -- 294. PUCCINIACEAE
Puccinia helianthi -- sunflower rust -- 294. PUCCINIACEAE
Puccinia rubigo-vera -- wheat rust -- 294. PUCCIMIACEAE
Pucciniastrum agrimoniae -- agrimony rust -- 299. ELA PSORACEAE
Pycnanthemum pilosum -- hairy mountain-mint -- 840. LAMIACEAE
Pycnoporus cinnabarinus -- cinnabar polypore -- 311. POLYPORACEAE
Pyrola americana -- roundleaf wintergreen -- 777. PYROLACEAE
Pyrus communis — common pear — 696. HALACEAE
Quercus alba -- white oak -- 719. FAGACEAE
Quercus borealis var. maxima -- red oak -- 719. FAGACEAE
Quercus coccinea -- scarlet oak -- 719. FAGACEAE
Quercus imbricaria -- shingle oak -- 719. FAGACEAE
Quercus marilandica -- blackjack oak -- 719. FAGACEAE
Quercus montana — rock chestnut oak — 719. FAGACEAE
Quercus palustris — pin oak — 719. FAGACEAE
Quercus phellos -- willow oak -- 719. FAGACEAE
Quercus prinus -- swamp chestnut oak -- 719. FAGACEAE
Quercus velutina — black oak — 719. FAGACEAE
<u> Ranunculus abortivus -- small-flower buttercup -- 549. RANUNCULACEAE</u>
Ranunculus hispidus — bristly buttercup — 549. RANUNCULACEAE
Ranunculus recurvatus -- hooked buttercup -- 549. RANUNCULACEAE
<u>Ranunculus repens var. pleniflorus — double creeping buttercup — 549. RANUPCULACEAE</u>
Ranunculus septentrionalis -- common swamp buttercup -- 549. RANUNCULACEAE
Raphanus sativus — garden radish — 575. BRASSICACEAE
Resupinatus applicatus — gray bark-mushroom — 312. AGARICACEAE
Reynoutria auberti -- China fleecevine -- 598. POLYGONACEAE
Reynoutria japonica - Japanese fleeceflower -- 598. POlYGONACEAE
Rheum rhaponticum -- garden rhubarb -- 598. POLYGONACEAE
Rhizocarpon petraeum — black rock-lichen — 374. LECIDEACEAE
Rhizoclonium hieroglyphicum — 126. CLADOPHORACEAE
Rhizopus nigricans — bread mold — 211. MUCORACEAE
Rhodobryum roseum — giant bryum — 418. BRYACEAE
Rhododendron wellesleyianum — white hybrid rose-bay — 778. ERICACEAE
Phus copallinum var. latifolia -- inland shining sumac -- 767. ANACARDIACEAE
Rhus glabra - smooth sumac - 767. ANACARDIACEAE
Rhus typhina — staghorn sumac — 767. AMACARDIACEAE
<u>Rhus typhina</u> f. dissecta — fernleaf sumac — 767. ANACARDIACEAE
Ricinus communis — common castor-bean — 687. EUPHORBIACEAE
Robinia pseudo-acacia — black locust — 703. FABACEAE
Rorippa islandica var. fernaldiana — marsh yellow-cress — 575. BRASSICACEAE
Rosa carolina — pasture rose — 695. ROSACEAE
Rosa cathayensis -- Cathay rose -- 695. ROSACEAE
Rosa hugonis - hugonis rose -- 695. ROSACEAE
Rosa micrantha var. calvescens -- smooth small-flower sweetbrier -- 695. ROSACEAE
Rosa rugosa -- rugosa rose -- 695. ROSACEAE
Rostkovites granulatus — granulated bolete -- 313. BOLETACEAE
Rubus abactus -- arching blackberry -- 695. ROSACEAE
Rubus allegheniensis — mountain blackberry — 695. ROSACEAE
Rubus flagellaris -- northern dewberry -- 695. ROSACEAE
Rubus idaeus var. vulgatus — red raspberry — 695. ROSACEAE
Rubus laciniatus — cutleaf blackberry — 695. ROSACEAE
Rubus occidentalis — common blackcap raspberry — 695. ROSACEAE
Rudbeckia brittonii — Britton coneflower — 805. CARDUACEAE
Audbeckia hirta -- black-eyed-susan -- 805. CARDUACEAE
hudbeckia laciniata - cutleaf coneflower - 805. CARDUACEAE
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Rudbeckia laciniata var. hortensia -- golden-glow -- 805. CARDUACEAE
Ruellia strepens -- smooth ruellia -- 834. ACANTHACEAE
Rumex acetosella - sheep sorrel - 598. POLYGONACEAE
Rumex altissimus -- tall dock -- 598. POLYGONACEAE
Rumex crispus - curly dock - 598. POLYGONACEAE
Rumex obtusifolius -- broadleaf dock -- 598. POLYGOMACEAE
Rumex verticillatus -- swamp dock -- 598. POLYGONACEAE
Russula alutacea -- tan-colored russula -- 312. AGARICACEAE
Russula emetica -- emetic russula -- 312. AGARICACEAE
Russula foetens -- fetid russula -- 312. AGARICACEAE
Russula purpurina — purpurine russula — 312. AGARICACEAE
<u>Pussula virescens</u> — green russula — 312. AGARICACEAE
<mark>Sabatia angularis -- square-stem rose-pink -- 806. GENTIANACEAE</mark>
<mark>Sabina chinensis var.</mark> pfitzeriana -- Pfitzer juniper -- 530. CUPRESSACEAE
Sabina virginiana — eastern red-cedar — 530. CUPRESSACEAE
Sagittaria latifolia — compon arrowhead — 845. ALISMACEAE
Salix alba -- white willow -- 712. SALICACEAE
Salix babylonica -- Babylon weeping willow -- 712. SALICACEAE
Sulix cordata - heartleaf willow -- 712. SALICACEAE
Salix discolor -- pussy willow -- 712. SALICACEAE
Salix fragilis — crack willow — 712, SALICACEAE
<u>Salix humilis</u> — prairie willow — 712. SALICACEAE
Salix interior — sandbar willow — 712. SALICACEAE
Salix nigra -- black willow -- 712. SALICACEAE
Salix sericea — silky willow — 712. SALICACEAE
Salix tristis — dwarf gray willow -- 712. SALICACEAE
Salvia splendens -- common scarlet sage - 840. LAMIACEAE
Sambucus canadensis — cormon American elder — 798. CAPRIFOLIACEAE
Sanguinaria canadensis -- bloodroot -- 568. PAPAVERACEAE
Sanicula canadensis — shortstyle snakeroot — 775. AMMIACEAE
Sanicula trifoliata — large-fruited snakeroot — 775. AMMIACEAE
Saponaria officinalis -- common bouncing-bet -- 592. CARYOPHYLLACEAE
Sarcoscypha floccosa -- fringe-cup fungus -- 247. PEZIZACEAE
Sassafras albidum -- smooth sassafras -- 544. LAURACEAE
<u>Sassafras albidum var. molle — American sassafras — 544. LAURACEAE</u>
Scapania nemorosa -- common scapania -- 391. JUNGERIANNIACEAE
Scenedesmus quadricaudata — 112. COELASTRACEAE
Schizachyrium scoparium — broom beardgrass -- 918. POACEAE
Schizophyllus alneus -- common schizophyll -- 312. AGARICACEAE
Schizothrix calcicola - 11. OSCILLATORIACEAE
Schizothrix friesii — 11. OSCILLATORIACEAE
Schizothrix lardacea -- 11. OSCILLATORIACEAE
Schizothrix purpurascens — 11. OSCILLATORIACEAE
Scirpus atrovirens — dark-green bulrush — 917. CYPERACEAE
Scirpus atrovirens var. georgianus -- Georgia bulrush -- 917. CYPLRACEAE
Scirpus cyperinus -- common woolgrass -- 917. CYPERACEAE
Scirpus planifolius -- wood clubrush -- 917. CYPERACEAE
Scirpus polyphyllus - leafy bulrush - 917. CYPERACEAE
Scleroderma aurantium — orange scleroderma — 316. SCLERODER ATACEAE
Scleroderma lycoperdoides — puffball-like scleroderma — 316. SCLEMODERMATACEAE
Sclerotinia trifoliorum — red clover wilt — 249. HELOTIACEAE
Scrophularia lanceolata — hare figwort — 826. SCRO'HULARIACEAE
Scrophularia marilandica — Maryland figwort — 826. SCROPHULARIACEAE
Scutellaria incana — downy skullcap — 840. LANIACEAE
Scutellaria lateriflora — blue mad-dog skullcap — 840. LAMIACEAE
Scutellaria lateriflora f. albiflora -- white mad-dog skullcap -- 840. LAMIACEAE
Scutellaria nervosa — veined skullcap — 840. LAITACEAE
Scytonema hofmannii — 12. SCYTONE: ATACEAE
Scytonema ocellatum — 12. SCYTONETATACEAE
Secale cereale - common rye - 918. POACEAE
Sadum acre - common goldmoss - 581. CRASSULACEAE
Sedum reflexum - jenny stonecrop - 581. CRACCULACEAE
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Sedum ternatum -- mountain stonecrop -- 581. CRASSULACEAE
Sedum triphyllum -- garden orpine -- 581. CRASSWLACEAE
Sematophyllum carolinianum var. admixtum -- mixture-moss -- 457. SELATOPHYLLACEAE
Senecio aureus -- golden ragwort -- 805. CARDUACEAE
Senecio glabellus - butterweed -- 805. CARDUACEAE
Senecio obovatus - roundleaf ragwort -- 805. CARDUACEAE
Septoria cornicola - dogwood leaf-spot fungus - 328a. PHONACEAE
Sericocarpus asteroides — toothed whitetop-aster - 805. CARDUACEAE
Setaria lutescens -- yellow bristlegrass -- 918. POACEAE
Setaria viridis -- green bristlegrass -- 918. POACEAE
Sicyos angulatus - star-cucumber - 651. CUCURBITACEAE
Silene antirrhina -- sleepy catchfly -- 592. CARYOPHYLLACEAE
Silene cucubalus - bladder campion - 592. CARYOPHYLLACEAE
Silene stellata var. scabrella - scabrous starry campion - 592. CARYOPHYLLACEAE
Silene virginica -- firepink -- 592. CARYOPHYLLACEAE
Silphium perfoliatum - cup rosinweed -- 805. CARDUACEAE
Silphium trifoliatum -- whorled rosinweed -- 805. CARDUACEAE
Sigmbrium officinale var. leiocarpum — smooth-pod hedge-mustard — 575. BRASSICACE.
Styrinchium graminoides — stout blue-eyed-grass — 892. IRIDACEAE
Smilacina racemosa - northern false-solomonseal - 875. CONVALLARIACEAE
Smilux glauca — glaucous greenbrier — 881. SMILACACEAE
Smulax hispida — bristly greenbrier — 881. SMILACACEAE
S. ilax rotundifolia var. quadrangularis -- square-stem greenbrier - 881. SI ILACACEAE
Soja max — soybean — 703. FABACEAE
Solanum carolinense - common horse-nettle -- 821. SOLAN'ACEAE
Solanum dulcamara — bittersweet nightshade — 821. SOLANACEAE
Solanum nigrum -- black nightshade -- 821. SOLANACEAE
Solanum tuberosum -- potato -- 821. SOLANACEAE
Solidago bicolor -- silver-rod -- 805. CARDUACEAE
Solidago caesia - wreath goldenrod - 805. CARDUACEAE
Solidago canadensis var. gilvocanescens — hairy Canada goldenrod — 805. CARDUACEAE
Solidago flexicaulis -- zigzag goldenrod -- 805. CARDUACEAE
Solidago hirsutissima — tall goldenrod — 805. CARDUACEAE
Solidago hispida - hairy goldenrod - 805. CARDUACEAE
Solidago juncea - early goldenrod -- 805. CARDUACEAE
Solidago nemoralis - old-field goldenrod - 805. CARDUACEAE
Solidago ohioensis - Ohio goldenrod - 805. CARDUACEAE
Solidago patula — roughleaf goldenrod — 805. CARDUACEAE
Solidago serotina -- late goldenrod -- 805. CARDUACEAE
Solidago ulmifolia — elmleaf goldenrod — 805. CARDUACEAE
Sonchus oleraceus — annual sow-thistle — 803. CICHORIACEAE
Sorbaria sorbifolia — Ural false-spirea — 695. ROSACEAE
Sorbus aucuparia -- European mountain-ash -- 696. MALACEAE
Sorghum vulgare -- sorghum -- 918. POACEAE
Sorghum vulgare var. caffrorum — kafir — 918. POACEAE
Sparganium eurycarpum -- broad-fruited bur-reed -- 888. SPARGANIACEAE
Specularia perfoliata — cormon venus-lookingglass — 811. CAMPANULACEAE
Sphagnum sp. -- peat-moss -- 392. SPHAGNACEAE
Sphenopholis intermedia -- leafy wedgegrass -- 918. POACEAE
Sphenopholis nitida -- slender wedgegrass -- 918. POACEAE
Spiraea alba -- meadow spirea -- 695. ROSACEAE
Spiraea bumalda var. anthony-watereri - Anthony Waterer spirea - 695. ROSACEAE
Spiraea latifolia -- American meadowsweet -- 695. ROSACEAE
Spiraea prunifolia — common bridalwreath — 695. ROSACEAE
Spiraea vanhouttei — Vanhoutte spirea — 695. ROSACEAE
Spiranthes cernua -- nodding ladies-tresses -- 912. ORCHIDACEAE
Spiranthes gracilis - slender ladies-tresses - 912. ORCHIDACEAE
Spirogyra sp. - 147. ZYGNE LATACEAE
Spirulina major -- 11. OSCILLATORIACEAE
Stachys riddellii - light-green hedge-hyssop -- 840. LAMIACEAE
Staphylea trifolia :- Ararican bladdermut - 766. STAPHYLEACEAE
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Staurothele sp. -- 336. VERRUCARIACEAE
Steccherinum rhois - common steccherinum - 310. HYDNACEAE
Steironema ciliatum -- fringed loosestrife -- 808, PRII ULACEAE
Stemonitis fusca - fuscous slime-mold - 27. STELCUITACEAE
Stereum albobadium - light-chestnut stereum - 307. THEL PHORACEAE
Stereum fasciatum - common stereum - 307. THELLEPHORACEAE
Stereum rameale — twig stereum — 307. THELEPHORACEAE
Stereum sericeum - silky stereum - 307. THELEPHORACEAE
Stereum spadiceum -- chestnut stereum -- 307. THELEPHORACEAE
Stereum versicolor - banded stereum - 307. THULEPHORACEAE
Stichococcus subtilis -- 114. ULOTRICHACEAE
Stigeoclonium aestivale -- 117. CHAETO HORACEAE
Strobilomyces strobilaceus -- pine-cone fungus -- 313. BOLETACEAE
Stropharia semiglobata — semiglobose stropharia — 312. AGARICACEAE
Strophostyles umbellata -- pink wild-bean -- 703. FABACEAE
Symphoricarpos orbiculatus -- coralberry -- 798. CAPRIFOLIACEAE
Symphoricarpos rivularis -- garden snowberry -- 798. CAPRIFOLIACEAE
Symploca muscorum -- 11. OSCILLATORIACEAE
Symplocarpus foetidus — skunkcabbage -- 886. ARACEAE
Syringa persica — Persian lilac -- 794. OLEACEAE
Syringa villosa -- late lilac -- 794. OLEACEAE
Syringa vulgaris -- common lilac -- 794. OLEACEAE
<u> Pagetes erecta</u> — Aztec marigold — 805. CARDUACEAE
Tagetes patula - French marigold - 805. CARDUACEAE
Tamarix gallica -- French tamarisk -- 646. TAMARICACEAE
Tamarix juniperina -- juniper tamarisk -- 646. TAMARICACEAE
Tanacetum vulgare - common tansy - 805. CARDUACEAE
Taraxacum laevigatum - red-seed dandelion -- 803. CICHORIACEAE
Taraxacum palustre var. vulgare -- common dandelion -- 803. CICHORIACEAE
Taxus baccata — English yew — 523. TAXACEAE
Teucrium canadense var. virginicum -- Virginia germander -- 840. LAMIACEAE
Thalictrum dioicum — early meadowrue — 549. RANUNCULACEAE Thalictrum polygamum — fall meadowrue — 549. RANUNCULACEAE
Thelypteris noveboracensis -- New York fern -- 473. POLYPODIACEAE
Thelypteris palustris — marsh-fern — 473. POLYPODIACEAE
Thlaspi arvense - field pennycress -- 575. BRASSICACEAE
Thuidium delicatulum -- common fern-moss -- 453. THUIDIACEAE
Thuja occidentalis -- northern white-cedar -- 530. CUPRESSACEAE
Thuja occidentalis var. fastigiata -- American pyramidal arborvitae -- 530. CUPRESSA-
Thuja occidentalis var. hoveyi — Hovey arborvitae -- 530. CUPRESSACEAE
Thuja occidentalis var. lutea — golden arborvitae — 530. CUPRESSACEAE
Tilia americana — American linden — 678. TILIACEAE
Tilia europaea — common linden -- 678. TILIACEAE
Tithymalopsis corollata -- flowering-spurge -- 687. EUPHORBIACEAE
Tortella humilis — low tortella — 404. POTTIACEAE
Tovara virginiana — common Virginia knotweed — 598. POLYGONACEAE
Tovara virginiana f. rubra -- red Virginia knotweed -- 598. POLYGONACEAE
Toxicodendron radicans -- poison-ivy -- 767. ANACARDIACEAE
Toxicodendron vernix - poison-sumac -- 767. ANACARDIACEAE
Tracaulon arifolium var. lentiforme -- northern halberdleaf tearthumb -- 598. POLY-
     GONACEAE
Tracaulon sagittatum — pink arrowleaf tearthumb — 598. POLYGONACEAE
Tracaulon sagittatum f. subalbidum -- white arrowleaf tearthumb -- 598. POLYGONACEAE
Trachelomonas sp. - 53. EUGLENACEAE
Tradescantia virginiana -- common spiderwort -- 859. COM ELD ACEAE
Tremellodendron candidum -- white coral-fungus -- 302. TREMELLACEAE
Tremellodendron pallidum -- pale coral-fungus -- 302. TREMELIACEAE
Tribonema bombycina -- 142. TRIBONEMACEAE
Trichoderma lignorum -- green mold -- 330a. MONILIACEAE
Tricholoma personatum -- masked tricholoma -- 312. AGARICACEAE
Trifolium agrarium - yellow hop clover -- 703. FABACEAE
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Trifolium hybridum -- Alsike clover -- 703. FABACHAE Trifolium pratense -- com on red clover -- 703. FABACEAE Trifolium pratense f. lilacinum -- lilac red clover -- 703. FABACEAE Trifolium pratense var. albiflorum -- albino red clover -- 703. FABACEAE Trifolium procumbens -- low hap clover -- 703. FABACEAE Trifolium repens -- white clover -- 703. FABACEAE Trifolium repens var. grandiflorum - ladino clover -- 703. FABACEAE Trifolium repens var. rubrum -- pink Dutch clove: - 703. FABACEAE Trillium grandiflorum -- large-flower wakerobin -- 878. TRILLIACEAE Triodia flava - purpletop -- 918. POACEAE Triosteum perfoliatum -- common horsegentian -- 798. CAPRIFOLIACEAE Triticum aestivum -- wheat -- 918. POACEAE Tropaeolum majus - cormon nasturtium - 614. TROPAEOLACEAE Tsuga caradensis -- Canada hemlock -- 528, PINACEAE Tylopilus felleus - bitter bolete -- 313. BOLETACEAE Typha angustifolia - narrowleaf cattail - S89. TYPHACEAE Typha latifolia -- common cattail -- 889. TYPHACEAE Tyromyces spraguei - Sprague polypore - 311. POLYPORACEAE Vlmus americana -- American elm -- 721. ULMACEAE Ulmus fulva - slippery elm -- 721. UIMACEAE Ulmus thomasi — rock elm — 721. ULMACEAE Urceolaria scruposa -- common urceolaris --Urnula craterium — common urnula — 247. PEZIZACEAE <u>Uromyces caladii</u> — arum rust — 294. PUCCINIACEAE <u>Urtica procera</u> — tall nettle — 725. URTICACEAE Ustilago zeae - corn smut - 292. USTILAGINACEAE Uvularia grandiflora -- large-flower bellwort -- 875. CONVALLARIACEAE Vaccinium vacillans -- dryland blueberry -- 779. VACCINIACEAE Vaginata agglutinata -- large-sheathed amanitopsis -- 312. AGARICACEAE Vaginata plumbea -- lead-colored vaginata -- 312. AGARICACEAE Vaterianella intermedia -- beaked cornsalad -- 800. VALERIAMACEAE Validallium tricoccum -- wood-leek -- 891. ALLIACEAE Vaucheria sp. - water-felt -- 134. VAUCHERIACEAE Venenarius flavorubescens -- yellowish-red venenarius -- 312. AGANICACEAE Venenarius vernus -- spring venenarius -- 312. AGARICACEAE Verbascum blattaria — yellow moth mullen -- 826. SCROPHULARIACEAE Verbascum blattaria f. albiflorum -- white moth mullen -- 826. SCROPHULARIACEAE Verbascum thapsus - great mullen -- 826. SCROPHULARIACEAE Verbena hastata — blue vervain — 839. VERBENACEAE Verbena urticifolia - common white vervain - 839. VERBENACEAE Verbena urticifolia var. leiocarpa -- short-hair white vervain -- 839. VERBENACEAE Vernonia altissima -- tall ironweed -- 805. CARDUACEAE Vernonia altissima f. alba - white ironweed -- 805. CARDUACEAE Vernonia altissima f. lilacina -- lavender ironweed -- 805. CARDUACEAE Vernonia fasciculata — western ironweed — 805. CARDUACEAE Veronica arvensis — corn speedwell — 826. SCROPHULARIACEAE Veronica officinalis -- common speedwell -- 826. SCROPHULARIACEAE Veronica peregrina -- common purslane speedwell -- 826. SCROPHULARIACEAE Veronica serpyllifolia - thymeleaf speedwell - 826. SCROPHULARIACEAE Veronicastrum virginicum — American culvers-physic — 826. CCROPHULARIACEAE Verrucaria nigrescens -- black crust-lichen -- 336. VERRUCARIACEAE Viburnum acerifolium -- mapleleaf arrow-wood -- 798. CAPRIFOLIACEAE Viburnum acerifolium f. ovatum -- ovateleaf arrow-wood -- 798. CAPRIFOLIACEAE Viburnum lentago - namnyberry - 798. CAPRIFOLIACEAE Viburnum opulus — European cranberry-bush — 798. CAPRIFOLIACEAE Viburnum prunifolium -- blackhaw -- 798. CAPRIFOLIACEAE Vicia sp. — vetch — 703. FABACEAE Vinca major var. variegata — mottled periwinkle — 795. APOCYNACEAE

Vinca minor — common periwinkle — 795. APOCYNACEAE

Viola canadensis — Canada violet — 576. VIOLACEAE

Viola conspersa — American dog violet — 576. VIOLACEAE

Viola cucullata — marsh blue violet — 576. VIOLACEAE

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On page 9, after the line beginning "Parmelia conspersa", add:

Parmelia clivacea (L.) Ach. — bronze shield-lichen — 14435

On page 10, after "Sphagnum sp.", insert "--peat-moss"

On page 10, delete the line "452. LESKEACEAE" and shift the line "453. THUIDIACEAE" to this position

On page 10, shift the line beginning "Campylium hispidulum" to a position between Amblystegium varium and Hygroamblystegium or Shocladon

On page 10, after the line beginning "Bartramia pomiformis", add

430. CLIMACIACEAE

A lichen as yet unclassified as to family:
<u>Urceolaria scruposa</u> (Schreb.) Ach. — common urceolaria — 14399a

and shift Climacium americanum to a position in this new family





